Manitoba Agriculture
Yearbook 2004

MANITOBA AGRICULTURE YEARBOOK 2004

Manitoba

Canadian Cataloguing in Publication Data
338.1097127021
Manitoba agriculture yearbook, 2004

Annual
Chiefly tables
Continues: Yearbook Manitoba agriculture.
ISSN 0084-3865

1. Agriculture - Manitoba - Statistics.
2. Agriculture - Economic aspects - Manitoba - Statistics. I. Manitoba. Manitoba Agriculture, Food and Rural Initiatives.
I. Title: Yearbook Manitoba agriculture.

2007-01562/

FOREWORD

This publication is the forty-second in the Yearbook series initiated in 1963. The same format, which includes recent and historical data from 1960, has been continued for the convenience of users. Minor changes are made annually whenever new or more detailed information becomes available. Please note that some totals may not add due to rounding and metric/Imperial conversions. Statistics published are based on available information as of August 1, 2005.

Cooperation between Statistics Canada and Manitoba Agriculture, Food and Rural Initiatives is maintained to secure the best possible agricultural statistics. The assistance of many contributors of information received from other government departments, farm businesses, farmer organizations and farmers is appreciated. Appreciation is also extended to Carol Gunvaldsen, Market Intelligence Specialist - Crops and Marni Donetz, Market Intelligence Specialist - Livestock, for providing input and to Rose Anne Burdeny, Extension Coordinator, for inputting data, typing and proofing the manuscript.

As the development, compilation and assembly of material was done by the Industry Intelligence Section, of Knowledge Management, suggestions for improving the content of the manuscript can be sent to:

Knowledge Management Knowledge Centre
Manitoba Agriculture, Food and Rural Initiatives
809 - 401 York Avenue
Winnipeg, MB, R3C 0P8
PH: (204) 945-3503
Fax: (204) 948-2498
E-mail: rburdeny@gov.mb.ca (to extract data or to obtain a copy)

Industry Intelligence Section
Knowledge Management Knowledge Centre
Policy & Management Division
Manitoba Agriculture, Food and Rural Initiatives

TABLE OF CONTENTS - TEXT

Subject	Page
2004 IN REVIEW	2
2004 VALUE OF FARM PRODUCTION	5
FARM CASH RECEIPTS	10
FARM NET INCOME	11
CROP PRODUCTION	19
GENERAL CONDITIONS & CROP PROGRESS	19
WHEAT	22
Durum Wheat	23
OATS	26
BARLEY	27
RYE	29
MIXED GRAINS	29
CANOLA	30
FLAXSEED	32
TAME HAY AND PASTURE	35
POTATOES	36
VEGETABLES	37
ORNAMENTAL CROPS & FRUIT	38
Strawberries	38
Saskatoons	38
Raspberries	38
Greenhouse Production	39
Mushrooms	39
Nursery Sod	39
Nursery Products	39
FOREST PRODUCTS	40
Christmas Trees	40
SEED PRODUCTION	40
Forage Seeds	40
MARKETING OF MAJOR CROPS	43
LIVESTOCK PRODUCTION	45
CATTLE	45
Production	45
Slaughter Cattle	45
Prices	47
Inventory	51
PIGS	52
Production	52
Total Marketings	52
Slaughter	52
Prices	52
Inventory	56

TABLE OF CONTENTS - TEXT

Subject	Page
SHEEP AND LAMBS	56
Inventory	56
Slaughter and Exports	56
Prices	58
Wool Production	58
DAIRY	59
Milk Cows	59
Total Milk Supply	59
Milk & Cream Sales by Dairies	59
Cheese Production	60
POULTRY	62
Production	62
Inventory	62
OTHER LIVESTOCK	64
Bison	64
Deer & Elk	64
Goats	64
Horses	64
Llamas and Alpacas	64
Pheasants	65
Rabbits	65
Wild Boars	65
OTHER PRODUCTS	66
FURS: FARM-RAISED AND WILDLIFE	66
HONEY AND ALFALFA LEAFCUTTING BEES	67
Honey Bees	67
Alfalfa Leafcutting Bees	67
RESOURCES	68
LAND AND FARMS	68
FARM NUMBER, SIZE, TYPES	69
TENURE	70
PEOPLE	72
Population	72
Hired Agricultural Labour	76
FARM WAGES	76
CAPITAL	76
Investment in Agriculture	76
LAND VALUES	77
MACHINERY	78
FERTILIZER	78
WEATHER	79

TABLE OF CONTENTS - TEXT

Subject	Page
PAST TRENDS	82
CROPS	83
LIVESTOCK	157
OTHER FARM PRODUCTS	179
PROCESSING	183
TRADE	184
RESOURCES	195
FARM FINANCES	201
WEATHER	211
SOURCES AND METHODS	219
CROPS	219
LIVESTOCK	220
OTHER PRODUCTS	221
RESOURCES	221
LAND VALUES	221
FARM INPUT PRICE INDEX	221
FARM PRODUCT PRICE INDEX	222
INCOME	222
WEATHER DATA	222
METRIC CONVERSION FACTORS	223
Crop Metric Conversion Factors	223
ABBREVIATIONS	223

TABLE OF CONTENTS - TABLES

Subject	Page
TABLE 1: Manitoba Agriculture in Perspective - Relationship to Canadian Agriculture	2
TABLE 2: Farm Structure	3
TABLE 3: Gross Value of Agricultural Production	5
TABLE 4: 2004 Summary of Crop Production	5
TABLE 5: 2004 Summary of Livestock Production	7
TABLE 6: 2004 Summary of Other Products	7
TABLE 7: Farm Input Price Indices (1992 = 100), 2002, 2003, 2004	8
TABLE 8: Farm Product Price Indices (1997 = 100), 2003, 2004	8
TABLE 9: Farm Cash Receipts, 2001 - 2004	9
TABLE 10: Farm Expenditures, 2001 - 2004	10
TABLE 11: Farm Income Summary, 2000-2004	11
TABLE 12: Farm Capital Investment, 2000-2004	11
TABLE 13: Farm Debt Outstanding, 2000-2004	11
TABLE 14: Manitoba Agricultural Credit Corporation and Bank Interest Rates by Month, 1998 – 2004	13
TABLE 15: Canadian Exchange Rates by Month, 2003, 2004	13
TABLE 16: Agri-Food Exports by Commodity Group & Selected Subgroups, 2003, 2004	14
TABLE 17: Agri-Food Imports by Commodity Group & Selected Subgroups, 2003, 2004	17
TABLE 18: Number of Days Required for Selected Crops to Reach Maturity	20
TABLE 19: Base Temperature for Selected Crops and Insects	20
TABLE 20: Area, Yield and Production of All Wheat, 2003^{R}, 2004^{P}	22
TABLE 21: Area, Yield and Production of Durum Wheat, 2003^{R}, 2004^{P}	23
TABLE 22: Area, Yield and Production of Spring Wheat, 2003^{R}, 2004^{P}	24
TABLE 23: Area, Yield and Production of Winter Wheat, 2003^{R}, 2004^{P}	25
TABLE 24: Area, Yield and Production of Oats, 2003^{R}, 2004^{P}	26
TABLE 25: Area, Yield and Production of Barley, 2003^{R}, 2004^{P}	27
TABLE 26: Area, Yield and Production of All Rye, 2003^{R}, 2004^{P}	29
TABLE 27: Area, Yield and Production of Canola, 2003^{R}, 2004^{P}	30
TABLE 28: Area, Yield and Production of Flaxseed, 2003^{R}, 2004^{P}	32
TABLE 29: Area and Production of Major Grains & Oilseeds, 2003^{R}, 2004^{P}	34
TABLE 30: Area of Tame Hay (dry hay only), 2002^{R} - 2004^{P}	35
TABLE 31: Area of Summerfallow, 2002^{R} - 2004^{P}	35
TABLE 32: Summary of Irrigated Acres by Crop, 1991 - 2003	36
TABLE 33: Area, Marketings and Value of Potatoes, 2004	36
TABLE 34: Area, Marketings and Value of Fresh Vegetables, 2004	37
TABLE 35: Area, Marketings and Value of Fruit, 2004	39
TABLE 36: Value of Production of Vegetables, Ornamental Crops & Fruit, 2003, 2004	40
TABLE 37: Area, Sales and Value of Forage Seeds, 2003^{R} and 2004^{P}	40
TABLE 38: Area of Foundation, Registered and Certified Seed Production, 2000-2004	41
TABLE 39: Certified Potato Production, 2004	42
TABLE 40: Farm Supply and Disposition of Major Crops, 2004/2005	43
TABLE 41: Producer Marketings, Crop Year 2004/2005	43
TABLE 42: Grain Storage Capacity, August 1, 2003 – 2004	44
TABLE 43: Grain Stored in Country Elevators at July 31	44
TABLE 44: Cattle Slaughtered in Manitoba by Month, 2004	45
TABLE 45: Manitoba Cattle Prices by Weight Class, 2003-2004	46
TABLE 46: Manitoba Cattle Prices by Month - Selected Grades	47
TABLE 47: Cattle Numbers on Farms, July 1, 2004	51
TABLE 48: Hogs Slaughtered in Manitoba by Month, 1998-2004	52

TABLE OF CONTENTS - TABLES

Subject		Page
TABLE 49:	Monthly Weighted Average Hog Prices, 2002 – 2004	54
TABLE 50:	Weanling Pig Prices, Monthly Ranges, 2003 – 2004	55
TABLE 51:	Estimated Pig Numbers on Farms, July 1, 2004	56
TABLE 52:	Estimated Sheep Numbers on Farms, July 1, 2004	58
TABLE 53:	Provincially-Inspected Sheep and Lamb Slaughter, 2001-2004	58
TABLE 54:	Volume of Milk and Cream Sold Off Farm, 1994-2004	59
TABLE 55:	Cash Receipts from Milk and Cream Sold Off Farm, 1994-2004	59
TABLE 56:	Dairy Factory Production by Month, 2004	60
TABLE 57:	Summary of Poultry Production, 2003, 2004	62
TABLE 58:	Fur Sales, 1998/1999 to 2003/04	66
TABLE 59:	Honey Prices and Production, 2001 - 2004	67
TABLE 60:	Production of Leafcutting Bees and Alfalfa Seed, 2001 - 2004	67
TABLE 61:	Land Use by Area, 2001	68
TABLE 62:	Size and Number of Farms, 2001	69
TABLE 63:	Farms with Total Gross Receipts of $2,500 or More, by Farm Type, 1971 – 2001	69
TABLE 64:	Percent of Farms with Crops and Livestock, 2001	70
TABLE 65:	Farms Classified by Tenure of Operator, 1996, 2001	70
TABLE 66:	Farm Operators by Selected Characteristics, 1971-2001	72
TABLE 67:	Average Wages for Hired Agricultural Labour, 1997-2004	76
TABLE 68:	Capital Investment Per Farm Reporting, 2001	76
TABLE 69:	Value of Farm Capital, by Province, 2000 – 2004	77
TABLE 70:	Value per Unit of Farmland and Buildings, Manitoba and Canada	77
TABLE 71:	Farm Machinery Numbers	78
TABLE 72:	Sales of Fertilizer, July 1 to June 30, 2002-2004	78
TABLE 73:	Weather Record for the Year 2004, Winnipeg	79
TABLE 74:	Precipitation at Various Manitoba Points, 2004	80
TABLE 75:	Historical Production Value Summary	82
TABLE 76:	Historical Production Value Summary of All Crops	83
TABLE 77:	Historical Production Value Summary of Grains	84
TABLE 78:	Historical Production and Value of Wheat	85
TABLE 79:	Historical Production and Value of Oats	87
TABLE 80:	Historical Production and Value of Barley	89
TABLE 81:	Historical Production and Value of All Rye	91
TABLE 82:	Historical Production and Value of Mixed Grains	93
TABLE 83:	Historical Production and Value of Grain Corn	95
TABLE 84:	Historical Production Value Summary of Oilseeds	97
TABLE 85:	Historical Production and Value of Canola	98
TABLE 86:	Historical Production and Value of Flaxseed	100
TABLE 87:	Historical Production and Value of Sunflower Seed	102
TABLE 88:	Historical Production and Value of Soybeans	104
TABLE 89:	Historical Production Value Summary of Other Crops	105
TABLE 90:	Historical Production and Value of Buckwheat	106
TABLE 91:	Historical Production and Value of Canary Seed	108
TABLE 92:	Historical Production and Value of Dry Beans	110
TABLE 93:	Historical Production and Value of Dry Peas	112
TABLE 94:	Historical Production and Value of Fababeans	114
TABLE 95:	Historical Production and Value of Lentils	116
TABLE 96:	Historical Production and Value of Mustard Seed	118
TABLE 97:	Historical Production and Value of Sugar Beets	120

TABLE OF CONTENTS - TABLES

Subject	Page
TABLE 98: Historical Production and Value of Wild Rice (green basis)	122
TABLE 99: Historical Production and Value of Fodder Corn	124
TABLE 100: Historical Production and Value of Tame Hay	126
TABLE 101: Historical Production Value Summary of Horticultural Crops and Forage Seeds	128
TABLE 102: Historical Production and Value of Potatoes	129
TABLE 103: Historical Area and Marketings of Vegetables and Fruit	131
TABLE 104: Historical Primary Elevator Storage Capacity at or About August 1, Manitoba	133
TABLE 105: Historical Marketings of Major Crops	134
TABLE 106: Historical Quantities of Major Grain Stocks on Farms at July 31	136
TABLE 107: Historical Quantities of Grain Used On-Farm for Feed	138
TABLE 108: Historical Quantities of Grain Used On-Farm for Seed	140
TABLE 109: Historical Farm Supply and Disposition of Major Crops	142
TABLE 110: Historical Summary of Seeded Area by Agricultural Region	145
TABLE 111: Historical Summary of Average Yield (Production/Harvested Area) by Agricultural Region	149
TABLE 112: Historical Summary of Production by Agricultural Region	152
TABLE 113: Historical Operating Costs of Crop Production	155
TABLE 114: Historical Total Costs of Crop Production	156
TABLE 115: Historical Production Value Summary of Livestock	157
TABLE 116: Historical Production and Value of Cattle	158
TABLE 117: Historical Commercial Marketings of Cattle - Manitoba Origin	159
TABLE 118: Historical Production and Value of Hogs	160
TABLE 119: Historical Commercial Hog Marketings - Manitoba Origin	161
TABLE 120: Historical Production and Value of Lambs and Wool	162
TABLE 121: Historical Production and Value of Dairy Products	163
TABLE 122: Historical Production Value Summary of Poultry	165
TABLE 123: Historical Production Value Summary of Other Livestock	166
TABLE 124: Historical Manitoba Cattle Prices* by Weight Class	166
TABLE 125: Historical Livestock Prices by Grade, Winnipeg	167
TABLE 126: Historical Winnipeg D1,2 Cow Prices, by Month ($/cwt)	169
TABLE 127: Historical Winnipeg Grade A Steer Prices, by Month ($/cwt)	170
TABLE 128: Historical Winnipeg Feeder Steer (800-900 lb) Prices, by Month ($/cwt)	171
TABLE 129: Historical Winnipeg Steer Calf (500-600 lb) Prices, by Month ($/cwt)	172
TABLE 130: Historical Monthly Weighted Average Index 100 Hog Prices ($/100 kg)	173
TABLE 131: Historical Monthly Weighted Average No. 1 Sow Prices ($/100 kg)	174
TABLE 132: Historical Livestock Slaughtered in Manitoba	175
TABLE 133: Historical Total Cattle and Calves Slaughtered in Manitoba, by Month	176
TABLE 134: Historical Hogs Slaughtered in Manitoba, by Month	177
TABLE 135: Historical Numbers of Livestock on Farms - July 1	178
TABLE 136: Historical Production Value Summary of Other Farm Products	179
TABLE 137: Historical Production and Value of PMU	180
TABLE 138: Historical Production and Value of Fur	181
TABLE 139: Historical Production and Value of Honey & Beeswax	182
TABLE 140: Historical Value of Shipments for Food and Beverage Processing Industries (Total Activity)	183
TABLE 141: Historical Value Added for Food and Beverage Processing Industries (Total Activity)	183
TABLE 142: Historical Agri-Food Exports by Commodity Group	184
TABLE 143: Historical Agri-Food Imports by Commodity Group	185
TABLE 144: Historical Agri-Food Exports by Country	186
TABLE 145: Historical Agri-Food Exports by States	190
TABLE 146: Historical Agri-Food Imports by Country	191

TABLE OF CONTENTS - TABLES

Subject		Page
TABLE 147:	Historical Agri-Food Imports by States	194
TABLE 148:	Census Farm Area and Land Use	195
TABLE 149:	Census Farm Numbers and Size	195
TABLE 150:	Census Farm Area by Tenure	196
TABLE 151:	Permit Holders, Quota Areas	196
TABLE 152:	Historical Value Per Unit of Farmland and Buildings, Manitoba and Canada	197
TABLE 153:	Census Farm and Total Population	198
TABLE 154:	Census Farm Operators by Age and Sex	198
TABLE 155:	Percentage of Persons in Manitoba Farm Households in the Labour Force, by Occupation	198
TABLE 156:	Census Numbers of Machinery on Farms	199
TABLE 157:	Historical Sales of Selected Farm Machinery	199
TABLE 158:	Historical Sales of Fertilizer	200
TABLE 159:	Historical Farm Input Price Indices (1992 = 100), Western Canada	201
TABLE 160:	Historical Farm Input Price Indices (1992 = 100), Manitoba	202
TABLE 161:	Historical Farm Product Price Indices (1986 = 100), Manitoba, 1986-1995	202
TABLE 162:	Historical Farm Product Price Indices (1997 = 100), Manitoba, 1994-2004	202
TABLE 163:	Historical Farm Cash Receipts	203
TABLE 164:	Historical Farm Cash Receipts From Crop Sales	204
TABLE 165:	Historical Farm Cash Receipts From Livestock Sales	205
TABLE 166:	Historical Farm Operating Expenses and Depreciation Charges	206
TABLE 167:	Historical Farm Income Summary	207
TABLE 168:	Historical Total Net Income and Total Cash Receipts Per Farm	208
TABLE 169:	Historical Capital Investment Values	209
TABLE 170:	Historical Outstanding Farm Debt	210
TABLE 171:	Historical Weather Record for Winnipeg	211
TABLE 172:	Historical Monthly Temperatures at Winnipeg	212
TABLE 173:	Historical Monthly Precipitation in Winnipeg	213
TABLE 174:	Historical Monthly and Annual Degree-Days*, Winnipeg	215
TABLE 175:	Historical Selected Seasonal Data	218

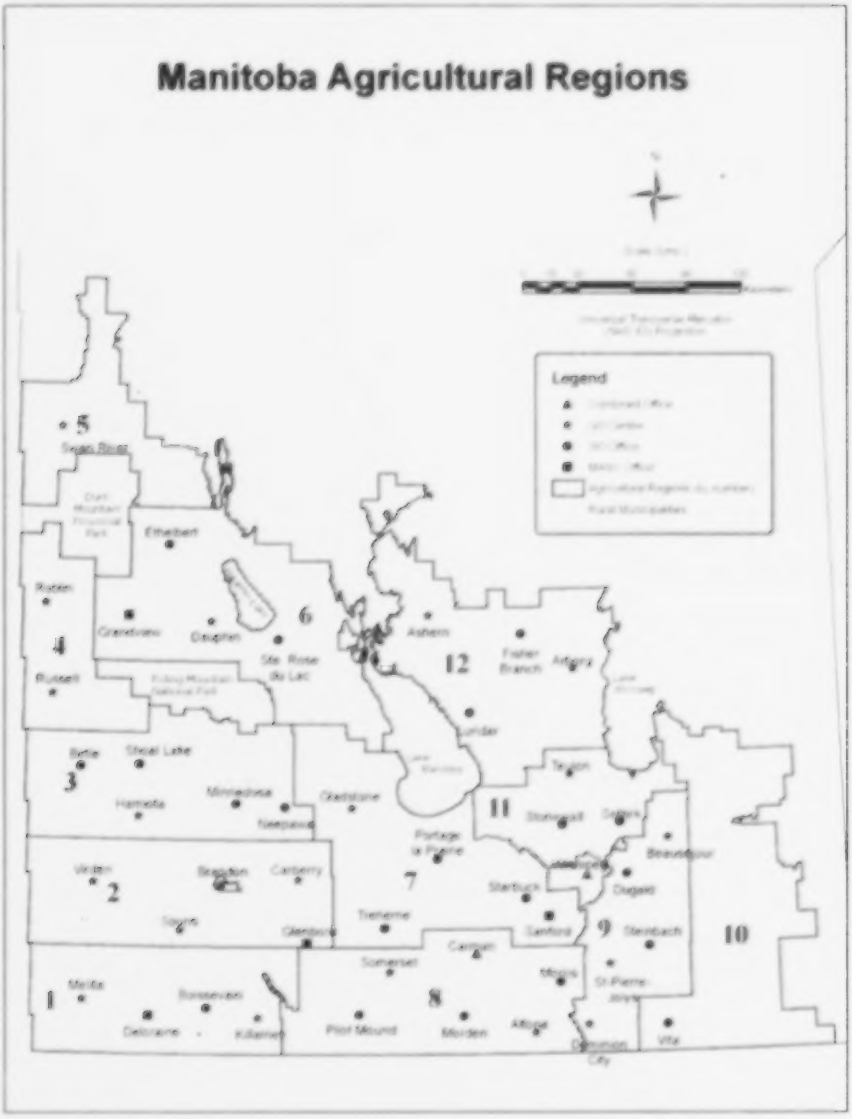
TABLE OF CONTENTS - MAPS

Subject	Page
MAP 1: Manitoba Agricultural Regions	1
MAP 2: Farms With Over $50,000 in Farm Cash Receipts by Rural Municipality, 2001 Census	12
MAP 3: Manitoba Agri-Food Exports, 2004, $ Million	16
MAP 4: Manitoba Agri-Food Imports, 2004, $ Million	16
MAP 5: Wheat Acres by Rural Municipality, 2001 Census	21
MAP 6: Barley Acres by Rural Municipality, 2001 Census	28
MAP 7: Canola Acres by Rural Municipality, 2001 Census	31
MAP 8: Flaxseed Acres by Rural Municipality, 2001 Census	33
MAP 9: Total Cattle by Rural Municipality, 2001 Census	49
MAP 10: Total Beef Cows by Rural Municipality, 2001 Census	50
MAP 11: Total Pigs by Rural Municipality, 2001 Census	53
MAP 12: Total Sheep by Rural Municipality, 2001 Census	57
MAP 13: Total Milk Cows by Rural Municipality, 2001 Census	61
MAP 14: Total Poultry by Rural Municipality, 2001 Census	63
MAP 15: Average Farm Size by Rural Municipality, 2001 Census	71
MAP 16: Manitoba Agri-Food Exports by Selected Regions, 2004, $ Million	189
MAP 17: Manitoba Agri-Food Exports to the United States, 2004, $ Million	189

TABLE OF CONTENTS - CHARTS

Subject	Page
CHART 1: Manitoba Total and Farm Population	4
CHART 2: Number of Manitoba Census Farms	4
CHART 3: Average Size of Manitoba Census Farms	4
CHART 4: Farms Classified by Farm Cash Receipts, 1981 – 2001	8
CHART 5: Farm Income and Expenses, 1971 – 2004	10
CHART 6: Total Value of Manitoba Agri-Food Trade, World and United States, 1995- 2004	18
CHART 7: Area of Crops Planted, 2004, 2005	20
CHART 8: Area of Selected Special Crops Planted, 2004, 2005	34
CHART 9: Cattle Prices by Month, 1981 – 2004	46
CHART 10: Seasonal Feeder Steer (800-900 lb) Prices, Manitoba, 2002-2004 vs 5-Year Average	47
CHART 11: Seasonal Steer Calf (500-600 lb) Prices, Manitoba, 2002-2004 vs 5-Year Average	48
CHART 12: Beef Cows on Farms, 1973 – 2004	51
CHART 13: Hog Prices by Month, 1981 – 2004	54
CHART 14: Top Bid Weanling Pig Prices, by Month, 2003 – 2004	55
CHART 15: Pigs on Farms, 1974 – 2005	56
CHART 16: Producer Price for Class 1 Milk, 1981 – 2004	60
CHART 17: Farm Sales of Milk and Cream, 1981 – 2004	60
CHART 18: Value of Production of Other Livestock, 1990-2004	65
CHART 19: Land Use, 1971 – 2001	68
CHART 20: Farms Classified by Farm Type, 1991, 1996, and 2001	70
CHART 21: Winnipeg Monthly Mean Temperatures, 2001 – 2004	79
CHART 22: Winnipeg Monthly Precipitation, 2001 – 2004	80
CHART 23: Average Annual Precipitation, Winnipeg, 1961 – 2004	81
CHART 24: Manitoba Total Seeded Area of Major Crops by Agricultural Region, 2004	148
CHART 25: Manitoba Average Yield of Major Crops, 2002 – 2004	151
CHART 26: Manitoba Production of Major Crops by Agricultural Region, 2004	154
CHART 27: Value of Farm Capital, 1971 – 2004	210
CHART 28: Average Monthly Temperatures, Winnipeg, 2000 – 2004	217

MAP 1: Manitoba Agricultural Regions



2004 IN REVIEW

TABLE 1: Manitoba Agriculture in Perspective - Relationship to Canadian Agriculture

	Canada	Manitoba	Percent of Canada
	thousand tonnes		
Crop Production 2004			
Wheat (all)	25,860.4	3,877.4	15.0
Oats	3,683.1	903.7	24.5
Barley	13,186.4	1,367.3	10.4
Canola	7,728.1	1,778.1	23.0
Flaxseed	516.9	132.1	25.6
	million bushels		
Wheat (all)	950.2	142.5	15.0
Oats	238.8	58.6	24.5
Barley	605.6	62.8	10.4
Canola	340.7	78.4	23.0
Flaxseed	20.3	5.2	25.6
Livestock and Poultry, 2004			
Cattle and Calves, July 1 (000s)	16,758.0	1,750.0	10.4
Hogs, July 1 (000s)	14,837.7	2,890.0	19.5
Sheep and Lambs, July 1 (000s)	1,237.9	82.0	6.6
Chicken Egg Sales (million dozen)	466.2	69.0	14.8
Milk and Cream Sales (000 kl)	7,662.7	300.9	3.9
Inspected Livestock Slaughtered, 2004			
Cattle and Calves (000s)	3,971.6	26.3	0.7
Hogs (000s)	22,701.3	4,355.3	19.2
Sheep and Lambs (000s)	541.7	3.4	0.6
	thousand dollars		
Farm Income, 2004			
Total Cash Receipts	36,543.1	3,906.9	10.7
Net Total Operating Expenses	30,206.8	3,145.4	10.4
Realized Net Income (incl. dep.)	1,985.3	367.5	18.5
Resources, 2001 (Census)			
Land in Farms (hectares)	67,502,446	7,601,779	11.3
Improved Land (hectares)	45,880,044	5,354,037	11.7
Crop Land (hectares)	36,395,150	4,714,830	13.0
Land in Farms (acres)	166,802,197	18,784,407	11.3
Improved Land (acres)	113,372,075	13,230,114	11.7
Crop Land (acres)	89,934,387	11,650,599	13.0
Farm Numbers	246,923	21,071	8.5
Farm Population	727,130	68,135	9.4
Tractors on Farms	732,521	69,209	9.4
	million dollars		
Capital Investment, 2004	200,902.5	15,390.9	7.7
Land and Buildings	154,447.7	10,425.0	6.7
Machinery and Equipment	33,917.7	3,542.5	10.4
Livestock and Poultry	12,537.1	1,423.4	11.4

SOURCE: Statistics Canada, Agriculture & Agri-Food Canada, CFIA

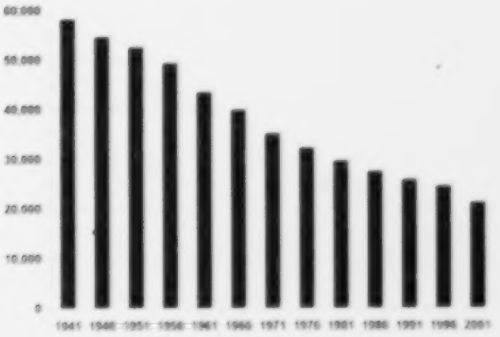
TABLE 2: Farm Structure

	1971	1976	1981	1986	1991	1996	2001
People							
Total Manitoba Population	988,247	1,021,506	1,026,241	1,063,016	1,091,945	1,113,898	1,119,583
Rural Population	N.A.	295,253	295,582	296,165	304,765	313,835	314,262
Urban Population	N.A.	726,253	730,659	766,851	787,175	800,063	805,321
Farm Population[1]	131,202	101,904	98,375	86,505	79,280	79,835	68,130
Rural[2] Farm Population	Not available				78,080	78,470	67,190
Urban[3] Farm Population					1,195	1,370	940
Land							
Total Manitoba Land Base (000 units)							
Hectares	54,770.5	54,770.5	54,770.5	54,770.5	54,770.5	54,770.5	54,770.5
Acres	135,340.8	135,340.8	135,340.8	135,340.8	135,340.8	135,340.8	135,340.8
Farmland (000 units)							
Hectares	7,692.4	7,699.7	7,615.9	7,740.2	7,725.0	7,732.1	7,601.8
Acres	19,008.3	19,026.3	18,819.4	19,126.5	19,088.9	19,106.5	18,784.4
Total Improved:							
Hectares	5,061.9	5,092.9	5,371.2	5,303.5	5,399.3	5,379.0	5,354.0
Acres	12,508.2	12,584.9	13,272.6	13,105.2	13,342.1	13,291.9	13,230.1
Land in Crops:							
Hectares	3,691.7	3,847.5	4,420.4	4,519.3	4,761.1	4,699.1	4,714.8
Acres	9,122.5	9,507.5	10,923.0	11,167.5	11,764.8	11,611.8	11,650.6
Summerfallow:							
Hectares	1,074.5	934.1	598.3	509.2	297.0	323.7	255.7
Acres	2,655.2	2,308.2	1,478.5	1,258.3	733.9	799.8	631.9
Improved Pasture & Other:							
Hectares	295.6	311.3	352.5	274.9	341.3	356.2	383.5
Acres	730.5	769.2	871.1	679.4	843.3	880.3	947.6
Unimproved Pasture & Hayland:							
Hectares	2,630.5	2,606.7	2,244.7	2,436.7	1,750.5	1,653.8	1,580.4
Acres	6,500.1	6,441.4	5,546.8	6,021.3	4,325.6	4,086.7	3,905.2
All Other Land:							
Hectares	Included in the above Unimproved Pasture & Hayland				575.1	699.3	667.4
Acres					1,421.2	1,728.0	1,649.1
Farms and Finances							
Census Farms	34,981	32,104	29,442	27,336	25,706	24,383	21,071
Average Size - Census Farms							
Hectares	220	240	259	283	300	317	361
Acres	543	593	639	700	743	784	891
Average Value per Unit							
Hectares	$178.65	$416.65	$1,028.86	$850.66	$882.12	$1,097.68	$1,296.89
Acres	$72.30	$168.61	$416.36	$344.25	$356.98	$444.22	$524.83
Average Capital per Farm	$58,764	$141,253	$354,968	$349,525	$399,010	$518,213	$726,346
Type of Organization							
Sole Proprietorship	32,183	29,748	25,701	22,869	17,017	15,340	12,322
Partnership							
With written agreement	2,094	973	688	761	1,125	1,092	900
With no written agreement			1,965	2,468	5,950	5,755	5,494
Corporation							
Family	548	1,089	882	1,035	1,279	1,719	1,936
Other	67	165	85	81	207	372	356
Other	89	129	121	122	128	105	63
Tenure of Operators							
No. Reporting Owned Land	32,792	29,968	27,183	25,091	24,098	23,036	20,031
No. Reporting Rented Land	13,373	12,992	13,359	13,552	12,795	12,125	10,708

CHART 1: Manitoba Total and Farm Population

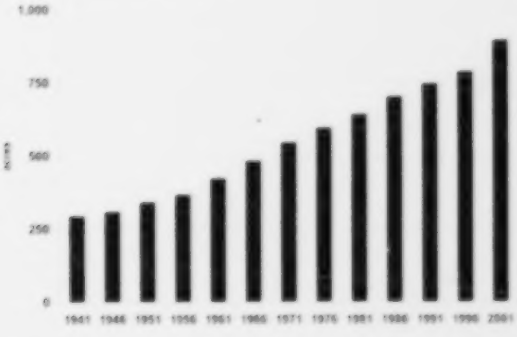
SOURCE: Statistics Canada, Census of Population
PREPARED BY: Knowledge Management, Manitoba Agriculture, Food and Rural Initiatives

CHART 2: Number of Manitoba Census Farms



SOURCE: Statistics Canada, Census of Agriculture
PREPARED BY: Knowledge Management, Manitoba Agriculture, Food and Rural Initiatives

CHART 3: Average Size of Manitoba Census Farms



SOURCE: Statistics Canada, Census of Agriculture
PREPARED BY: Knowledge Management, Manitoba Agriculture, Food and Rural Initiatives

2004 VALUE OF FARM PRODUCTION

TABLE 3: Gross Value of Agricultural Production

	1998[R]	1999[R]	2000[R]	2001[R]	2002[R]	2003[R]	2004
	million dollars						
Crops	2,007.9	1,548.9	1,753.7	1,834.6	2,203.7	2,335.7	1,835.6
Livestock and Products	1,156.1	1,278.8	1,561.1	1,790.3	1,652.1	1,699.7	1,614.2
Other (Honey & Wax, Bees, Fur, Wildlife, PMU, Forest, etc.)	64.7	66.1	61.7	71.5	91.2	99.8	88.0
TOTAL	**3,228.7**	**2,893.7**	**3,376.4**	**3,696.5**	**3,946.9**	**4,135.1**	**3,537.8**

TABLE 4: 2004 Summary of Crop Production

Crop	Harvested Hectares (000)	Yield Per Hectare (tonnes)	Production (000 tonnes)	Farm Value	
				$ Per (tonne)	Total ($000)
Wheat	1,278.7	3.00	3,877.4	113	438,170
Oats	275.2	3.30	903.7	132	119,460
Barley	374.3	3.70	1,367.3	97	132,990
Rye	28.3	3.10	86.4	124	10,710
Mixed Grains	2.0	3.10	6.1	90	550
Grain Corn	4.0	4.50	17.8	110	1,960
Canola	1,031.9	1.70	1,778.1	285	506,760
Flaxseed	105.2	1.30	132.1	430	56,800
Soybeans	44.5	1.00	44.9	242	10,880
Sunflower Seed	44.5	1.00	44.0	510	22,450
Buckwheat	4.0	0.40	1.5	329	490
Canary Seed	10.1	1.10	11.4	265	3,020
Dry Beans	44.6	0.86	38.5	617	23,750
Dry Peas	58.6	2.70	160.0	152	24,320
Fababeans	4.0	2.40	9.4	177	1,660
Hemp	1.8	0.30	0.6	1,100	628
Lentils	2.0	0.40	1.9	378	680
Mustard Seed	3.2	0.80	2.7	385	1,040
Triticale	2.0	3.80	7.6	126	960
Other Specialty Crops	14.0	-	-	-	-
Wild Rice (green basis)	-	-	0.01	2,200	27
Forage Seeds	-	-	-	-	25,431
Fodder Corn	26.3	27.60	725.7	24	17,350
All Tame Hay	849.8	3.90	3,311.2	70	231,780
Straw for Processing	-	-	-	-	-
Horticulture					
Potatoes	37.6	22.8	857.3	178	152,300
Vegetables	1.6		31.5	NA	15,188
Fruits	0.4			5,159	5,407
Greenhouse					30,812
Nursery Products & Sod					NA
TOTAL	**4,248**				**1,835,573**

TABLE 4: Crop Production Continued

Crop	Harvested Acres (000)	Yield Per Acre (bushels)	Production (000 bu.)	Farm Value $ Per (bushel)	Farm Value Total ($000)
Wheat	3,160	45.1	142,470	3.08	438,170
Oats	680	86.2	58,600	2.04	119,460
Barley	925	67.9	62,800	2.12	132,990
Rye	70	48.6	3,400	3.15	10,710
Mixed Grains	5	60.0	300	2.31	550
Grain Corn	10	70.0	700	2.79	1,960
Canola	2,550	30.7	78,400	6.46	506,760
Flaxseed	260	20.0	5,200	10.92	56,800
Soybeans	110	15.0	1,650	6.59	10,880
		(pounds)	**(000 lb.)**	**(pound)**	
Sunflower Seed	110	882.0	97,000	0.23	22,450
		(bushels)	**(000 bu.)**	**(bushel)**	
Buckwheat	10	7.0	70	7.15	490
		(pounds)	**(000 lb.)**	**(pound)**	
Canary Seed	25	1,004.0	25,100	0.12	3,020
Dry Beans	110	770.0	85,000	0.28	23,750
		(bushels)	**(000 bu.)**	**(bushel)**	
Dry Peas	145	40.6	5,880	4.14 *	24,320
Triticale	5	60.0	300	0.06	960
		(pounds)	**(000 lb.)**	**(pound)**	
Fababeans	10	2,065.0	20,650	0.08	1,660
Hemp	4	285.0	1,255	0.50	628
Lentils	7	586.0	4,100	0.17	680
Mustard Seed	8	738.0	5,900	0.17	1,040
Other Specialty Crops	34	-	-	-	-
Wild Rice (green basis)	NA	NA	27	1.00	27
Forage Seeds	NA	NA	-	-	25,431
		(tons)	**(000 tons)**	**(ton)**	
Fodder Corn	65	12.3	800	22.00	17,350
All Tame Hay	2,100	1.7	3,650	65.00	231,780
Straw for Processing	-	-	-	-	-
		(cwt)	**(000 cwt)**	**(cwt)**	
Horticulture:					
Potatoes	93	203.2	18,900	8.06	152,300
Vegetables	4				15,188
Fruits	1			2.34	5,407
Greenhouse	-	-	-	-	30,812
Nursery Products & Sod	-	-	-	-	NA
TOTAL	**10,501**				**1,835,573**

* Assumes no change from previous year's value for 2004.
** Also included in Other Specialty Crops.
NOTE: Numbers may not all add due to rounding/metric-Imperial conversion.
SOURCE: Statistics Canada; Manitoba Agriculture, Food and Rural Initiatives.

TABLE 5: 2004 Summary of Livestock Production

	Number (000)	Value Per Unit $	Total Value ($000)
CATTLE:			
Commercial Production (including exports)			282,000
TOTAL CATTLE	**442**	**638**	**282,000**
HOGS:			
Commercial Production (including exports)			941,000
TOTAL HOGS	**8,068**	**117**	**941,000**
LAMBS & WOOL:			
Lamb Marketings	51		
Wool sold or used on farms:			
- 000 kilograms	164		
- 000 pounds	362		
TOTAL LAMBS & WOOL			**3,459**
DAIRY PRODUCTS:			
Milk Equivalent - 000 kl	301		178,785
Supplementary Payments			0
TOTAL DAIRY PRODUCTS			**178,785**
POULTRY:			
Eggs (incl. hatching eggs) (000 dozen)	81,758		101,784
Meat (000 birds)	29,974		87,419
TOTAL POULTRY			**189,203**
OTHER LIVESTOCK:			
Bison, pheasants, wild boars, llamas, rabbits, slaughter horses, ostriches, goats, etc			19,800
TOTAL LIVESTOCK PRODUCTION			**1,614,247**

SOURCE: Statistics Canada; Agriculture and Agri-Food Canada; Manitoba Agriculture, Food and Rural Initiatives.

TABLE 6: 2004 Summary of Other Products

	Number	Total Value ($000)
Pregnant Mare's Urine (PMU) (Mares)*	21,651	59,849
Honey (tonnes)	5,362	10,993
Beeswax (tonnes)	81	310
Leafcutting Bees (million)	1,800	9,000
Fur-farm raised (pelts)*	47,620	2,830
Fur-wildlife (pelts)*	82,421	3,039
Forest Products & Christmas Trees	-	1,959
TOTAL OTHER PRODUCTS	-	**87,980**

* Season 2003/2004

SOURCE: Statistics Canada, Ayerst Organics, Manitoba Agriculture, Food and Rural Initiatives

TABLE 7: Farm Input Price Indices (1992 = 100), 2002, 2003, 2004

	Western Canada			Canada		
	2002	2003[R]	2004[P]	2002	2003[R]	2004[P]
Total Farm Inputs	**130.9**	**137.5**	**131.7**	**128.5**	**132.8**	**129.7**
Building and Fencing	121.6	120.9	138.8	122.8	122.4	137.8
Machinery and Motor Vehicles	140.7	154.4	154.3	143.5	157.0	155.3
Crop Production	140.6	167.1	158.4	135.7	154.7	151.1
Animal Production	136.6	131.0	111.5	132.3	128.2	114.6
Supplies and Services	119.6	125.0	124.4	120.7	127.5	126.9
Hired Farm Labour	126.0	129.9	136.5	128.2	129.0	135.4
Property Taxes	127.9	136.0	139.4	118.9	126.4	129.9
Interest	83.7	82.7	79.1	84.9	83.9	80.7
Farm Rent	135.6	148.9	153.2	121.8	131.9	136.2

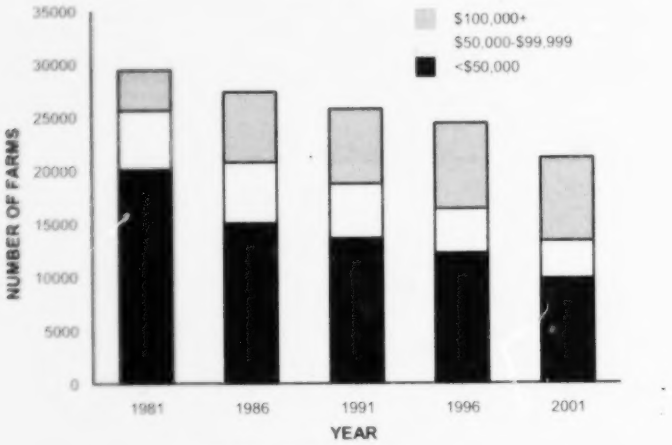
SOURCE: Statistics Canada, Prices Division – Cansim 328-0014, May, 2005.

TABLE 8: Farm Product Price Indices (1997 = 100), 2003, 2004

	Manitoba		Canada	
	2003[R]	2004[P]	2003[R]	2004[P]
Total Index	**96.9**	**93.9**	**102.1**	**99.6**
Grains	102.5	86.0	104.9	89.9
Oilseeds	92.3	94.3	92.7	94.7
Specialty Crops	106.7	101.0	113.1	102.8
Fruit	100.6	98.6	105.0	105.3
Vegetables	109.5	103.2	112.3	114.4
Potatoes	103.5	102.0	136.2	130.1
Total Crops	**99.1**	**91.7**	**104.0**	**98.6**
Cattle & Calves	102.9	92.8	104.7	93.6
Hogs	82.1	92.0	74.9	89.7
Poultry	100.2	103.3	95.6	97.8
Eggs	83.3	83.3	101.9	106.1
Dairy	120.4	118.9	119.1	119.8
Total Livestock	**95.6**	**97.3**	**100.6**	**100.5**

SOURCE: Statistics Canada, Cat. No. 21-007-XIB and Cansim 002-0022, June, 2005.

CHART 4: Farms Classified by Farm Cash Receipts, 1981 – 2001



SOURCE: Statistics Canada

PREPARED BY: Knowledge Management, Manitoba Agriculture, Food and Rural Initiatives

TABLE 9: Farm Cash Receipts, 2001 - 2004

	2001	2002	2003[R]	2004[P]
	- thousand dollars -			
Wheat-excluding Durum	445,212	488,088	430,753	378,740
Wheat-excluding Durum, CWB Payment[1]	127,049	158,553	20,356	169,150
Durum Wheat	9,401	8,811	5,597	1,837
Durum Wheat, CWB Payments[1]	4,647	2,957	1,060	801
Total Wheat	**454,613**	**496,899**	**436,350**	**380,577**
Total Wheat, CWB Payments[1]	**131,696**	**161,510**	**21,416**	**169,951**
Oats	95,986	124,780	113,962	88,093
Barley	90,720	83,856	44,586	41,927
Barley, CWB Payments[1]	2,887	1,114	4,743	5,336
Deferred Grain Receipts	-170,889	-141,915	-141,730	-134,943
Liquidation of Deferred Grain Receipts	118,684	161,633	141,154	144,506
Rye	3,893	2,422	2,484	6,405
Flaxseed	50,203	83,858	58,104	56,126
Canola	363,892	484,400	534,488	596,888
Soybeans	2,016	19,423	34,006	16,251
Corn	20,167	32,023	41,094	26,815
Sugar Beets	0	0	0	0
Potatoes	131,309	132,765	139,519	156,044
Greenhouse Vegetables	332	324	444	332
Other Vegetables	32,134	30,389	23,276	25,928
Apples	0	0	0	0
Strawberries	2,250	1,625	1,175	1,235
Other Berries	625	645	460	325
Floriculture and Nursery	35,382	37,354	37,645	38,673
Mustard Seed	2,411	4,955	5,272	2,096
Sunflower Seed	29,202	42,201	47,237	25,782
Lentils	2,364	536	710	578
Canary Seed	4,818	10,952	12,301	5,604
Dry Beans	42,774	51,752	67,761	52,166
Dry Peas	19,228	29,431	20,655	20,974
Forage and Grass Seed	13,461	18,458	16,899	16,273
Hay and Clover	20,099	20,184	15,214	14,337
Forest Products	1,812	1,792	1,823	1,838
Christmas Trees	130	100	102	121
Miscellaneous Crops	17,209	21,665	19,187	20,087
TOTAL CROPS	**1,519,408**	**1,915,131**	**1,700,337**	**1,780,325**
Cattle	463,317	455,883	284,653	208,074
Calves	106,224	104,537	56,095	57,843
Hogs	805,672	718,951	762,667	936,708
Sheep	155	118	127	113
Lambs	10,029	9,660	7,362	3,275
Dairy Products	157,999	163,924	174,422	178,785
Hens and Chickens	64,026	61,177	63,345	67,144
Turkeys	17,025	17,094	18,098	17,256
Hatcheries	10,299	11,508	8,976	11,075
Eggs for Hatching	458	364	303	903
Eggs for Consumption	57,650	59,622	62,980	64,652
PMU, Horses and Embryos	64,321	71,769	73,471	73,254
Wool	97	95	70	71
Honey	15,320	24,279	28,956	26,638
Furs	1,625	1,636	1,155	2,117
Miscellaneous Livestock	21,468	20,575	18,666	19,941
TOTAL LIVESTOCK AND PRODUCTS	**1,795,685**	**1,721,192**	**1,561,346**	**1,667,849**
NISA Payments	58,642	77,725	86,554	124,603
Crop Insurance Payments[2]	86,492	76,585	86,375	112,433
Private Hail Insurance	15,383	16,977	9,493	4,115
Income Disaster Assistance Program	117,593	45,951	26,560	14,203
Provincial Stabilization Program	0	0	0	0
Dairy Subsidy	1,277	258	0	0
Other Payments	102,760	1,467	99,135	203,357
TOTAL DIRECT PAYMENTS	**382,147**	**218,963**	**308,117**	**458,711**
TOTAL CASH RECEIPTS	**3,697,240**	**3,855,286**	**3,569,800**	**3,906,885**

[1] Participation payments made by the CWB to producers for crops delivered in previous year.
[2] Includes payments under the Crop Insurance Act and private hail insurance plans.
SOURCE: Statistics Canada, May, 2005.

TABLE 10: Farm Expenditures, 2001 - 2004

	2001	2002	2003[R]	2004[P]
	- thousand dollars -			
Property Taxes	60,382	64,005	65,989	66,319
Cash Rent	119,707	130,481	134,134	137,219
Share Rent	24,037	28,796	30,524	28,998
Cash Wages and Room & Board	243,198	261,438	279,739	290,928
Interest	231,155	222,300	224,526	223,014
Repairs to Buildings & Fences	55,699	56,813	57,381	58,529
Electricity	61,382	61,197	63,033	64,168
Telephone	23,692	24,332	25,305	25,558
Heating Fuel	22,939	23,398	26,206	28,879
Machinery Fuel	187,418	172,424	181,045	196,072
Machinery Repairs & Other	215,186	228,097	237,221	246,235
Business Insurance	39,677	42,851	45,765	49,106
Custom Work	94,410	103,851	119,428	121,697
Stabilization Premiums	9	3	0	0
Crop & Hail Insurance	47,347	51,816	65,125	80,902
Fertilizer	351,938	337,860	388,539	382,322
Pesticides	228,741	239,263	251,226	257,507
Commercial Seed	95,810	112,768	121,789	124,834
Twine, Wire & Containers	12,572	12,974	13,493	14,357
Commercial Feed	420,838	505,006	503,996	534,740
Livestock & Poultry Purchases	96,610	86,704	54,536	47,673
A.I. & Veterinary Fees	48,877	53,471	56,679	51,238
Legal & Accounting Fees	61,840	63,696	66,881	67,951
Other	46,951	45,543	47,820	48,155
Operating Expenses	**2,790,415**	**2,929,087**	**3,060,380**	**3,146,401**
Depreciation on Buildings	35,558	35,997	37,171	37,601
Depreciation on Machinery	362,308	361,357	375,016	365,389
Total Depreciation	**397,866**	**397,354**	**412,187**	**402,990**
TOTAL EXPENSES BEFORE REBATES	**3,188,281**	**3,326,441**	**3,472,567**	**3,549,391**
TOTAL REBATES	**0**	**0**	**0**	**974**
TOTAL EXPENSES AFTER REBATES	**3,188,281**	**3,326,441**	**3,472,567**	**3,548,417**

SOURCE: Statistics Canada, May, 2005.

FARM CASH RECEIPTS

Farm cash receipts include proceeds from the sales of agricultural products sold off farm through regular market channels. All deficiency, subsidy, supplementary and final Canadian Wheat Board payments are included. In 2004, total cash receipts were estimated at $3.91 billion, 9.5 percent above the 2003 revised level of $3.57 billion.

CHART 5: Farm Income and Expenses, 1971 – 2004

SOURCE: Statistics Canada.
PREPARED BY: Knowledge Management, Manitoba Agriculture, Food and Rural Initiatives.

FARM NET INCOME

In 2004 due to a 9.4 percent increase in farm cash receipts, a modest 2.8 percent rise in operating expenses and a 2.23 percent decrease in depreciation charges, cumulatively have contributed to a significant improvement in realized net farm income, which has increased by 347.9 percent over 2003 levels to $367.5 million in 2004. Realized net farm income is determined by adding cash receipts, total payments and income-in-kind and subtracting net operating expenses and depreciation charges.

Reqlized net income per farm in 2004 was estimated at $17,441, compared to $5,014 in 2003. Total net income includes the value of inventory change. While the value of livestock inventories increased between 2003 and 2004, sizable drawdown of crop inventories resulted in an overall decrease in inventories of $60.2 million. Total net income of $307.3 million remains down 39.4 percent from 2003. Total net income per farm was estimated at $14,586 in 2004, down from $24,062 in 2003.

TABLE 11: Farm Income Summary, 2000-2004

	2000	2001	2002	2003[R]	2004[P]
	- thousand dollars -				
Crop Receipts	1,312,530	1,519,408	1,915,131	1,700,337	1,780,325
Livestock Receipts	1,550,912	1,795,685	1,721,192	1,561,346	1,667,849
Total Direct Payments	287,093	382,147	218,963	308,117	458,711
Total Cash Receipts	**3,150,535**	**3,697,240**	**3,855,286**	**3,569,800**	**3,906,885**
Gross Total Operating Expenses	2,563,455	2,790,415	2,929,087	3,060,380	3,146,401
Total Rebates	0	0	0	0	974
Net Total Operating Expenses	2,563,455	2,790,415	2,929,087	3,060,380	3,145,427
Net Cash Income	**587,080**	**906,825**	**926,199**	**509,420**	**761,458**
Income-In-Kind	9,128	8,500	8,278	8,413	9,033
Depreciation Charges	386,933	397,866	397,354	412,187	402,990
Realized Net Income	**209,275**	**517,459**	**537,123**	**105,646**	**367,501**
Value of Inventory Change	175,025	-66,665	-36,331	401,370	-60,161
TOTAL NET INCOME	**384,300**	**450,794**	**500,792**	**507,016**	**307,340**

SOURCE: Statistics Canada, May, 2005. Manitoba Agriculture, Food and Rural Initiatives.

TABLE 12: Farm Capital Investment, 2000-2004

	2000	2001	2002	2003[R]	2004[P]
	Thousand dollars				
Land and Buildings	9,763,695	9,858,655	9,980,415	10,306,022	10,425,012
Machinery and Equipment	3,415,001	3,430,592	3,473,558	3,523,534	3,542,506
Livestock and Poultry	1,691,515	1,941,951	1,657,375	1,400,744	1,424,794
TOTAL	**14,870,211**	**15,231,198**	**15,111,348**	**15,230,300**	**15,392,312**

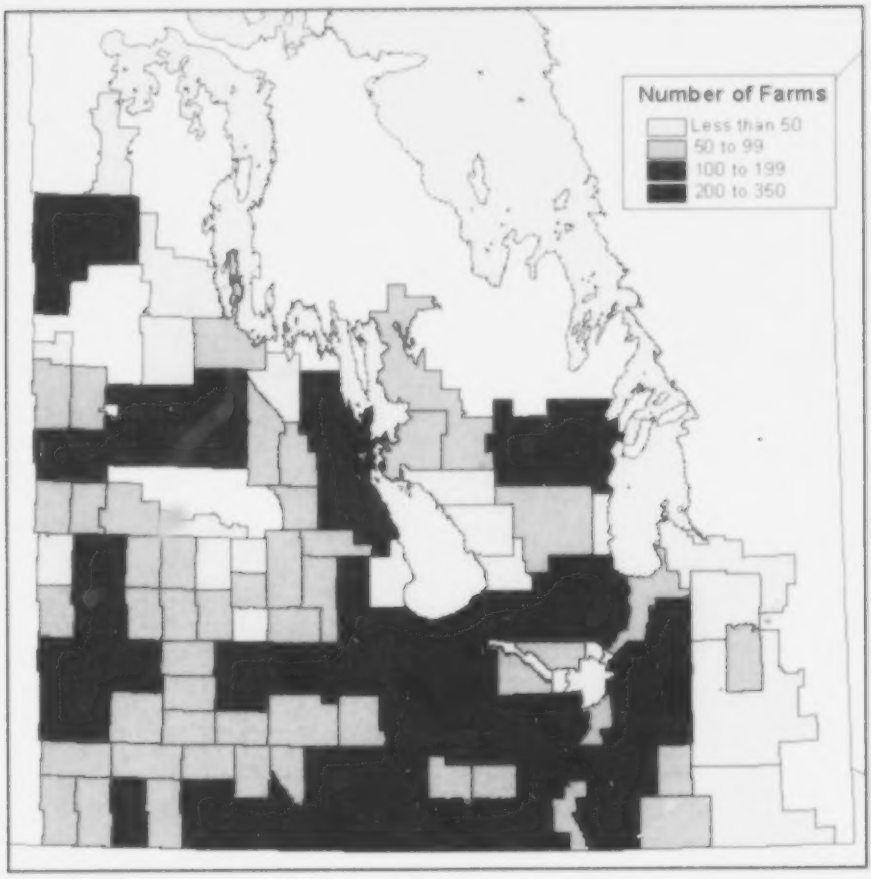
SOURCE: Statistics Canada, Cat No 21-013-XIE, May, 2005.

TABLE 13: Farm Debt Outstanding, 2000-2004

	2000	2001	2002	2003[R]	2004[P]
	thousand dollars				
Chartered Banks[1]	1,455,926	1,487,569	1,677,875	1,871,482	1,928,959
Federal Government Agencies[2]	622,772	690,489	742,424	774,247	836,646
Provincial Government Agencies	261,926	274,206	271,054	315,647	333,362
Credit Unions	756,149	863,606	981,826	1,083,252	1,195,514
Insurance, Trust, Loan Companies	25,270	29,578	37,855	42,606	49,754
Advance Payment Programs	183,013	174,384	132,800	188,724	246,128
Private Individuals and Others[3]	430,024	414,922	405,598	435,497	439,247
TOTAL[4]	**3,735,080**	**3,934,754**	**4,249,432**	**4,711,455**	**5,029,610**

[1] Includes loans under F.I.L.A.
[2] Includes F.C.C., V.L.A. and F.B.D.B.
[3] Includes supply companies, dealers, stores and finance companies, and other unclassified sources.
[4] Totals may not add due to rounding.
SOURCE: Statistics Canada, May, 2005.

MAP 2: Farms With Over $50,000 in Farm Cash Receipts by Rural Municipality, 2001 Census



SOURCE: Statistics Canada, Census of Agriculture, 2001.

TABLE 14: Manitoba Agricultural Credit Corporation and Bank Interest Rates by Month, 1998 – 2004

	1-Year Rate (%)						5-Year Mortgage Rate (%)					
	MACC			Bank			MACC			Bank		
	2002[R]	2003[R]	2004	2002	2003	2004	2002[R]	2003	2004	2002	2003	2004
January	3.500	4.750	4.500	4.55	4.90	4.30	5.500	5.750	5.625	7.00	6.45	6.05
February	3.900	5.250	4.200	4.55	4.90	4.30	5.750	6.250	5.250	6.85	6.60	5.80
March	4.050	5.300	4.050	5.30	5.35	4.30	6.250	6.125	5.125	7.30	6.85	5.70
April	5.650	5.500	3.900	5.40	5.35	4.45	7.000	6.375	5.000	7.45	6.65	6.15
May	5.650	5.400	4.000	5.55	5.05	4.55	6.750	6.125	5.250	7.40	6.15	6.50
June	5.850	5.050	4.450	5.55	4.85	4.70	6.750	5.625	5.875	7.25	5.80	6.70
July	5.650	4.800	4.450	5.35	4.55	4.60	6.500	5.500	6.000	7.05	6.20	6.55
August	5.500	4.750	4.400	5.35	4.55	4.40	6.000	5.625	5.875	6.80	6.35	6.30
September	5.700	4.750	4.600	5.30	4.55	4.80	6.125	5.750	5.625	6.70	6.30	6.30
October	5.450	4.400	4.850	5.30	4.55	4.90	5.875	5.375	5.750	7.00	6.40	6.40
November	4.750	4.650	5.000	4.90	4.75	5.00	5.875	5.750	5.750	6.70	6.50	6.30
December	4.950	4.650	4.800	4.90	4.75	4.80	6.000	5.750	5.500	6.70	6.45	6.05
Year	**5.050**	**4.938**	**4.433**	**5.17**	**4.84**	**4.59**	**6.198**	**5.833**	**5.552**	**7.02**	**6.39**	**6.23**

	10-Year Rate (%)							Bank Prime Business Rate (%)				
	MACC											
	1998	1999	2000	2001	2002	2003	2004	2000	2001	2002	2003	2004
January	6.875	6.625	8.250	7.250	6.750	6.625	6.500	6.50	7.25	3.75	4.50	4.25
February	6.875	6.500	8.375	7.125	6.750	6.875	6.250	6.75	7.25	3.75	4.50	4.25
March	7.000	7.000	7.875	7.000	7.000	6.750	6.000	7.00	6.75	3.75	4.75	4.00
April	6.875	6.625	7.750	7.125	7.875	6.875	6.000	7.00	6.50	4.00	5.00	3.75
May	6.875	6.875	8.000	7.250	7.625	6.750	6.375	7.50	6.25	4.00	5.00	3.75
June	6.750	7.250	8.000	7.500	7.375	6.250	6.750	7.50	6.25	4.25	5.00	3.75
July	6.875	7.250	7.750	7.625	7.250	6.250	6.875	7.50	6.00	4.50	4.75	3.75
August	7.000	7.500	7.875	7.250	6.875	6.500	6.625	7.50	5.75	4.50	4.75	3.75
September	7.250	7.625	7.625	7.000	6.875	6.625	6.500	7.50	5.25	4.50	4.50	4.00
October	6.625	7.625	7.625	6.750	6.750	6.250	6.500	7.50	4.50	4.50	4.50	4.25
November	6.750	7.875	7.750	6.250	6.750	6.625	6.375	7.50	4.00	4.50	4.50	4.25
December	6.500	7.875	7.500	6.500	6.875	6.625	6.250	7.50	4.00	4.50	4.50	4.25
Year	**6.854**	**7.219**	**7.865**	**7.052**	**7.063**	**6.583**	**6.417**	**7.27**	**5.81**	**4.21**	**4.69**	**4.00**

SOURCE: Manitoba Agricultural Credit Corporation, Bank of Canada Review

TABLE 15: Canadian Exchange Rates by Month, 2003, 2004

Canadian dollars per	U.S. Dollar ($)		Euro		Japanese Yen (¥)		United Kingdom (pound)		Mexican Peso (P)	
	2003	2004	2003	2004	2003	2004	2003	2004	2003	2004
January	1.5410	1.2960	1.6373	1.6362	0.012974	0.012191	2.4921	2.3634	0.1452	0.1187
February	1.5124	1.3290	1.6308	1.6807	0.012669	0.012465	2.4315	2.4829	0.1383	0.1205
March	1.4759	1.3284	1.5937	1.6289	0.012438	0.012247	2.3358	2.4259	0.1354	0.1207
April	1.4585	1.3425	1.5841	1.6087	0.012164	0.012465	2.2957	2.4185	0.1378	0.1191
May	1.3845	1.3783	1.6009	1.6554	0.011796	0.012305	2.2465	2.4646	0.1352	0.1198
June	1.3523	1.3577	1.5788	1.6490	0.011429	0.012409	2.2459	2.4819	0.1288	0.1192
July	1.3815	1.3219	1.5696	1.6222	0.011645	0.012070	2.2412	2.4382	0.1322	0.1153
August	1.3957	1.3118	1.5558	1.6003	0.011772	0.011905	2.2236	2.3875	0.1294	0.1152
September	1.3632	1.2878	1.5359	1.5744	0.011879	0.011698	2.2022	2.3102	0.1249	0.1121
October	1.3218	1.2469	1.5485	1.5594	0.012073	0.011464	2.2196	2.2538	0.1183	0.1094
November	1.3126	1.1961	1.5383	1.5556	0.012023	0.011434	2.2197	2.2268	0.1177	0.1052
December	1.3128	1.2191	1.6138	1.6317	0.012183	0.011734	2.2985	2.3502	0.1167	0.1088
Year	**1.4015**	**1.3013**	**1.5826**	**1.6169**	**0.012088**	**0.012032**	**2.2883**	**2.3837**	**0.1301**	**0.1153**

SOURCE: Bank of Canada Review

TABLE 16: Agri-Food Exports by Commodity Group & Selected Subgroups, 2003, 2004

Commodity Group /Subgroup	Unit	Quantity		Value ($'000)	
		2003[r]	2004[p]	2003[r]	2004[p]
Live Animals	...	-	-	**398,186.7**	**366,329.3**
Horses	number	2,560.0	4,956.0	3,010.3	3,978.7
Cattle	number	96,926.0	0.0	106,211.8	0.0
Bison	number	428.0	0.0	444.5	0.0
Pigs	number	3,784,738.0	4,545,267.0	276,406.2	352,367.4
Sheep	number	14,953.0	0.0	2,631.0	0.0
Poultry	number	4,734,600.0	5,313,488.0	8,530.4	8,820.7
Other		-	-	952.5	1,162.5
Red Meats	**tonnes**	**197,645.8**	**172,034.5**	**441,545.9**	**430,328.4**
Beef, fresh/chilled	tonnes	78.0	73.8	341.5	157.9
Beef, frozen	tonnes	1.5	37.2	6.7	60.4
Bison, fresh/chilled	tonnes	0.0	446.4	0.0	2,740.7
Pork, fresh/chilled	tonnes	90,075.3	71,134.4	248,478.3	223,056.9
Pork, frozen	tonnes	58,218.4	49,501.8	145,030.7	145,194.0
Processed pork	tonnes	3,424.3	2,763.4	14,715.9	13,258.7
Edible offal	tonnes	36,035.9	37,833.6	27,642.6	36,154.7
Animal fat	tonnes	9,812.3	9,383.5	5,330.2	8,244.6
Other	tonnes	0.0	860.3	0.0	1,460.5
Poultry and Eggs	**tonnes**	**7,567.2**	**6,743.5**	**33,706.8**	**27,813.9**
Poultry, fresh/frozen	tonnes	1,654.4	1,796.0	1,998.7	2,645.5
Eggs/egg products	tonnes	4,164.6	3,021.5	16,306.2	11,533.7
Egg albumin	tonnes	1,748.1	1,926.0	15,402.0	13,634.7
Dairy Products	**tonnes**	**738.0**	**98.9**	**1,625.6**	**319.0**
Milk powder	tonnes	519.5	0.0	1,106.4	0.0
Whey	tonnes	135.9	50.8	175.4	114.0
Other	tonnes	82.6	48.1	343.9	205.0
Honey	**tonnes**	**4,897.7**	**5,260.6**	**24,625.8**	**20,848.2**
Other Animal Products	...	-	-	**7,018.9**	**10,177.3**
Animal Semen/Embryos	...	-	-	0.0	6.2
Skins & Hides	number	35,679.0	31,857.0	595.8	674.1
Raw Furskins	number	26,235.0	76,910.0	395.6	1,409.5
Feathers	tonnes	30.0	49.7	435.4	458.7
Beeswax	tonnes	363.7	363.0	1,578.3	1,580.3
Other	...	-	-	4,013.8	6,048.6
Grains	**tonnes**	**3,459,436.6**	**4,933,645.3**	**798,011.6**	**1,090,607.8**
Durum Wheat	tonnes	32,536.0	28,669.0	8,933.5	7,892.0
Wheat (excl. Durum)	tonnes	2,622,389.0	3,872,448.0	612,868.9	891,415.9
Barley	tonnes	84,097.0	179,359.0	19,078.2	36,278.8
Oats	tonnes	652,426.0	700,639.8	126,013.1	117,340.7
Grain Corn	tonnes	81.1	9.0	99.8	36.1
Rye	tonnes	28,461.0	119,104.0	5,968.8	21,927.7
Buckwheat	tonnes	875.7	2,556.6	395.9	1,186.3
Canary Seed	tonnes	33,259.9	26,074.5	21,635.0	12,352.2
Other	tonnes	5,310.8	4,785.4	3,018.4	2,178.1
Grain Products	**tonnes**	**143,997.0**	**150,556.2**	**80,539.4**	**73,177.3**
Grain Flours	tonnes	5,666.2	8,162.9	4,214.8	4,175.4
Pulse Flours	tonnes	586.7	716.0	636.5	519.7
Oat groats, flakes & meal	tonnes	100,276.9	103,943.8	50,998.4	46,301.4
Malt	tonnes	27,066.2	27,419.9	12,073.1	11,593.6
Other, semi-processed	tonnes	2,535.5	319.8	904.0	337.7
Processed grain products	tonnes	4,812.5	4,075.5	10,467.7	8,007.8
Starches	tonnes	3,053.1	5,918.3	1,244.8	2,241.5
Oilseeds	**tonnes**	**1,597,542.0**	**1,551,760.3**	**649,669.4**	**635,413.3**
Flaxseed	tonnes	228,249.3	176,986.7	94,157.4	77,028.4
Canola	tonnes	1,125,457.5	1,243,117.8	450,793.8	492,908.3
Sunflowerseed	tonnes	92,781.1	62,916.0	45,866.4	32,025.8
Mustard seed	tonnes	21,102.8	25,288.9	14,255.5	15,172.3
Soya beans	tonnes	128,751.6	42,489.6	43,176.9	16,916.3
Other	tonnes	1,199.8	961.3	1,419.4	1,362.2

Commodity Group /Subgroup	Unit	Quantity		Value ($'000)	
		2003[r]	2004[p]	2003[r]	2004[p]
Oilseed Products	**tonnes**	**396,174.2**	**532,285.7**	**214,209.1**	**263,807.0**
Canola oil	tonnes	203,432.1	218,204.3	175,153.4	192,169.2
Other oils	tonnes	3,872.6	3,815.2	4,538.4	5,192.4
Hydronated veg oil	tonnes	310.4	1,268.1	597.7	1,142.2
Canola oilcake/meal	tonnes	172,282.1	289,001.2	29,399.7	61,017.6
Other oilcake/meal	tonnes	15,251.2	18,383.7	2,506.0	2,888.4
Other, semi-processed	tonnes	1,025.8	1,613.2	2,013.9	1,397.2
Other Animal Feeds	**tonnes**	**42,810.5**	**93,392.6**	**20,379.6**	**16,813.4**
Forage products	tonnes	21,828.0	21,804.0	6,425.0	5,271.6
Cereal brans/residues	tonnes	7,929.5	4,570.0	9,166.0	4,157.3
Pet food	tonnes	104.5	245.6	122.2	164.2
Feed preparations	tonnes	10,778.0	26,398.6	3,861.2	6,756.6
Other	tonnes	2,170.2	374.4	805.2	263.7
Fruits and Nuts	...	-	-	**69.7**	**198.6**
Vegetables and Legumes	**tonnes**	**661,985.4**	**720,736.3**	**385,171.4**	**400,124.4**
Potatoes, fresh	tonnes	28,029.0	12,746.0	6,904.4	3,553.8
Onions & shallots, fresh	tonnes	3,978.7	3,793.1	3,005.9	3,650.8
Carrots/rutabagas, fresh	tonnes	532.1	716.2	222.4	355.5
Cauliflower & broccoli, fresh	tonnes	153.2	93.4	169.2	92.4
Cabbages	tonnes	98.5	120.2	61.5	75.1
Other fresh vegetables	tonnes	1,722.1	306.6	1,178.9	619.9
Frozen vegetables	tonnes	404.5	121.1	262.4	62.9
Peas, dried	tonnes	239,674.3	279,287.4	57,576.9	60,998.2
Beans, dried	tonnes	130,849.4	105,645.5	76,367.5	65,266.8
Lentils, dried	tonnes	20,917.2	12,911.7	13,473.1	7,613.8
Other dried vegetables	tonnes	41.1	76.1	12.9	106.9
Processed potatoes	tonnes	235,558.1	304,844.2	205,842.7	257,525.6
Other processed vegetables	tonnes	27.3	74.8	93.5	202.8
Seeds for Sowing	**tonnes**	**26,891.8**	**21,698.5**	**40,193.3**	**35,340.4**
Forage seeds	tonnes	20,318.2	18,669.0	37,755.0	34,306.9
Seed potatoes	tonnes	6,434.0	2,993.0	2,327.7	1,033.5
Other (excl. potatoes)	tonnes	139.6	36.6	100.6	30.0
Vegetable Fibres	**tonnes**	**26,949.0**	**31,124.2**	**12,929.6**	**13,549.9**
Flax	tonnes	26,949.0	31,123.4	12,929.6	13,549.0
Other		0.0	0.8	0.0	1.0
Floriculture & Nursery	...	-	-	**899.7**	**1,146.9**
Sugar & Confectionary	**tonnes**	**447.2**	**346.5**	**1,606.3**	**1,603.1**
Other sugar products	tonnes	20.1	0.1	80.4	0.1
Sugar confectionary	tonnes	427.1	346.4	1,525.9	1,603.0
Coffee & Spices	**tonnes**	**1,636.2**	**1,575.6**	**1,992.7**	**1,700.5**
Coffee, roasted		0.0	0.2	0.0	3.3
Coriander seeds	tonnes	798.8	707.4	716.1	661.9
Caraway seeds	tonnes	816.8	867.1	1,183.2	1,029.6
Other	tonnes	20.7	0.9	53.3	5.7
Other Edible Preparations	**tonnes**	**900.0**	**839.6**	**2,030.3**	**2,578.3**
Protein concentrates	tonnes	363.7	436.9	1,173.4	1,541.1
Sauces & condiments	tonnes	0.0	1.9	0.0	25.8
Mustard flour, etc.	tonnes	145.2	164.4	301.5	278.0
Fruit & nut preparations	tonnes	337.0	193.4	355.8	200.4
Other food preparations	tonnes	54.1	93.1	199.5	533.1
Beverages	...	-	-	**2,144.2**	**2,132.6**
Other Agri-Food Products	...	-	-	**4,875.5**	**9,879.7**
TOTALS	...	-	-	**3,101,381.6**	**3,403,689.2**

NOTE: Totals may not add due to rounding.
SOURCE: Statistics Canada, International Trade Division, Agriculture & Agri-Food Canada, May, 2005.

MAP 3: Manitoba Agri-Food Exports, 2004, $ Million

MAP 4: Manitoba Agri-Food Imports, 2004, $ Million

Note: Excludes Canadian re-imports

TABLE 17: Agri-Food Imports by Commodity Group & Selected Subgroups, 2003, 2004

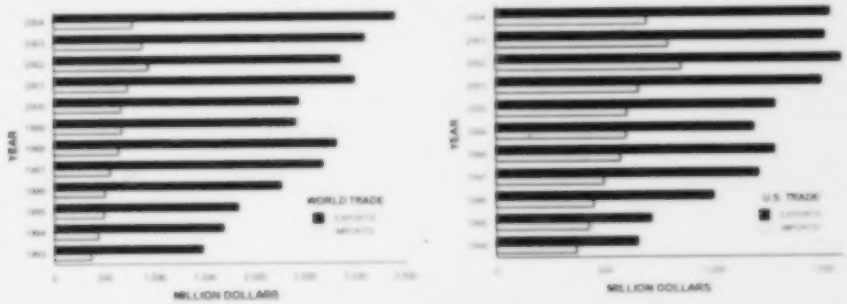
Commodity Group /Subgroup	Unit	Quantity		Value ($'000)	
		2003[R]	2004[P]	2003[R]	2004[P]
Live Animals	...	-	-	**5,342.9**	**5,445.8**
Horses	number	151.0	574.0	625.2	2,303.2
Cattle	number	383.0	0.0	1,658.6	0.0
Bison	number	-	-	-	-
Pigs	number	2,163.0	909.0	560.4	294.1
Sheep	number	57.0	0.0	3.8	0.0
Poultry	...	-	-	1,977.8	2,326.0
Other	...	-	-	517.1	522.4
Red Meats	**tonnes**	**13,896.2**	**14,343.0**	**49,781.9**	**43,855.7**
Beef (fresh/chilled and frozen)	tonnes	934.4	75.3	4,136.5	331.9
Bison, fresh/chilled	...	-	-	-	-
Lamb, fresh/chilled	tonnes	11.3	0.0	72.2	0.0
Pork (fresh/chilled and frozen)	tonnes	5,608.9	4,491.5	17,259.1	15,210.5
Processed beef	tonnes	1,235.6	178.0	9,238.6	2,009.0
Processed pork	tonnes	3,389.3	3,912.2	14,971.8	19,884.2
Edible animal offal, products	tonnes	437.7	949.4	491.5	1,168.1
Animal fat	tonnes	2,013.4	4,540.7	1,597.3	3,815.2
Other	tonnes	265.5	195.9	2,014.9	1,436.9
Poultry and Eggs	**tonnes**	**11,118.9**	**7,874.8**	**27,482.3**	**28,488.5**
Poultry meat	tonnes	2,605.4	1,926.7	7,625.7	8,158.8
Processed poultry	tonnes	1,087.0	1,095.3	5,722.9	6,023.0
Eggs/egg products	tonnes	842.7	312.1	1,912.0	404.6
Eggs/egg products (not in quantity)	(000 dozen)	3,285.8	2,239.5	6,038.7	8,171.1
Egg albumin	tonnes	6,583.9	4,540.8	6,182.9	5,731.0
Dairy Products	**tonnes**	**279.1**	**207.4**	**13,706.7**	**14,120.9**
Cheese	tonnes	279.1	207.4	1,988.1	1,194.1
Other	...	-	-	11,718.7	12,926.8
Honey	**tonnes**	**20.0**	**4.1**	**60.6**	**13.2**
Other Animal Products	...	-	-	**16,035.6**	**9,498.3**
Skins & Hides	...	-	-	3,757.9	51.3
Raw Furskins	number	472,212.0	323,875.0	11,838.9	9,112.9
Wool	tonnes	8.0	2.5	46.3	17.0
Other	...	-	-	392.4	317.1
Grains	**tonnes**	**779,092.5**	**312,724.2**	**108,359.2**	**43,898.8**
Grain Corn	tonnes	758,019.0	302,362.0	101,153.4	38,910.2
Rice	tonnes	2,696.0	3,534.0	1,597.6	1,996.7
Barley	tonnes	16,488.0	5,423.0	3,111.1	1,200.5
Millet	tonnes	1,889.5	1,405.2	1,102.2	818.2
Other	tonnes	-	-	1,394.8	973.1
Grain Products	**tonnes**	**25,119.7**	**23,378.2**	**43,524.7**	**43,841.4**
Corn meal	tonnes	0.5	0.2	163.8	69.6
Other, semi-processed	tonnes	3,397.2	2,284.4	2,342.2	2,006.3
Doughs, mixes	tonnes	9,524.4	8,185.6	14,320.5	13,502.6
Cereals	tonnes	3,456.1	4,482.6	8,154.8	10,238.9
Pasta	tonnes	3,523.8	2,877.4	6,743.4	5,269.9
Biscuits, wafers, etc.	tonnes	3,144.0	3,325.5	8,160.4	9,350.9
Other Processed	tonnes	2,073.6	2,222.5	3,639.6	3,403.1
Oilseeds	**tonnes**	**213,615.1**	**153,597.6**	**87,303.7**	**74,030.1**
Canola	tonnes	191,163.3	122,528.2	69,749.2	43,264.8
Sunflowerseed	tonnes	12,033.0	10,951.4	9,341.9	9,657.7
Other	tonnes	10,418.9	20,118.0	8,212.5	21,107.6
Oilseed Products	**tonnes**	**29,381.4**	**32,131.8**	**31,181.0**	**30,012.3**
Other Animal Feeds	**tonnes**	**346,114.3**	**326,133.4**	**147,706.2**	**137,951.9**
Soybean oilcake, etc.	tonnes	287,029.0	262,975.6	86,952.2	90,730.8
Pet food	tonnes	13,623.3	12,740.4	19,831.6	19,679.7
Other	tonnes	45,462.0	50,417.5	40,922.5	27,541.4
Fruits and Nuts	**tonnes**	**57,732.6**	**54,970.7**	**57,451.5**	**56,861.6**
Fruit, fresh or dried	tonnes	50,014.2	45,196.8	45,576.5	39,943.5
Processed Fruit	tonnes	6,682.8	8,840.0	8,692.4	13,508.1
Vegetables and Legumes	**tonnes**	**48,851.6**	**56,325.6**	**52,036.5**	**54,723.1**
Fresh Vegetables	tonnes	35,303.4	34,331.4	37,487.6	36,719.6
Frozen Vegetables	tonnes	266.2	232.4	283.8	287.1
Processed Vegetables	tonnes	5,920.8	9,407.0	9,470.9	12,768.4
Nuts, fresh or processed	tonnes	1,035.7	933.8	3,182.6	3,410.0
Legumes, dried	tonnes	7,361.2	12,354.9	4,794.3	4,948.0

TABLE 17: Agri-Food Imports Continued

Commodity Group /Subgroup	Unit	Quantity		Value ($'000)	
		2003[R]	2004[P]	2003[R]	2004[P]
Seeds for Sowing	**tonnes**	**2,882.7**	**2,063.5**	**4,964.8**	**4,834.3**
Forage and grass seeds	tonnes	1,286.2	1,111.7	2,814.7	2,486.1
Other	tonnes	1,596.4	951.8	2,150.1	2,348.2
Floriculture & Nursery	...	-	-	**26,621.6**	**29,835.0**
Sugar & Confectionary	**tonnes**	**38,254.5**	**36,013.8**	**37,592.3**	**30,072.6**
Refined sugar	tonnes	113.0	118.0	54.7	57.8
Sugar confectionary	tonnes	6,471.3	4,959.1	21,192.1	15,814.9
Other sugar products	tonnes	31,670.2	30,936.7	16,345.6	14,200.0
Coffee, Tea & Spices	**tonnes**	**930.7**	**783.3**	**4,620.5**	**3,878.1**
Coffee	tonnes	702.7	564.2	3,291.5	2,618.8
Tea	tonnes	116.6	116.6	803.7	719.4
Spices	tonnes	111.4	102.5	525.3	539.8
Other Edible Preparations	**tonnes**	**2,611.6**	**1,951.6**	**74,067.1**	**74,179.0**
Cocoa & Chocolate	tonnes	2,611.6	1,951.6	11,446.3	9,207.2
Other food preparations		-	-	62,620.8	64,971.7
Beverages	...	-	-	**41,990.5**	**46,660.0**
Non-alchoholic	kilolitres	-	-	9,357.2	9,669.8
Wines		-	-	14,562.7	16,737.4
Other alcoholic		-	-	18,060.6	20,252.9
Other Agri-Food Products	...	-	-	**52,503.3**	**52,150.5**
Tobacco products		-	-	132.9	6,132.2
Essential Oils	tonnes	22.8	34.8	212.5	1,105.6
Cotton products	tonnes	386.8	151.1	203.8	122.9
Other vegetable fibres	tonnes	1,103.2	990.8	1,206.4	1,064.7
Beeswax	tonnes	183.3	315.7	490.7	444.9
Other		-	-	50,257.1	43,280.4
TOTALS	...	-	-	**882,322.9**	**784,351.2**

NOTE: Import data do not usually include products imported by other provinces and sold in Manitoba e.g. lamb/mutton.
[R] Includes Canadian re-imports.
SOURCE: Statistics Canada, International Trade Division, Agriculture & Agri-Food Canada, May, 2005.

CHART 6: Total Value of Manitoba Agri-Food Trade, World and United States, 1995- 2004



NOTE: World trade imports includes Canadian re-imports.
SOURCE: Statistics Canada, International Trade Div., Agriculture & Agri-Food Canada.
PREPARED BY: Knowledge Management, Manitoba Agriculture, Food and Rural Initiatives.

CROP PRODUCTION

GENERAL CONDITIONS & CROP PROGRESS

April/May – Seeding began in April although progress was limited, conditions were dry and crop emergence was slow. May 2004 was one of the coldest on record. A mid-month snowstorm and continuing rains delayed seeding across much of the province. While seeding progress varied across the province, approximately 75 per cent of the crops were in the ground by the end of May, well behind the previous year when much of the seeding had been completed.

June – By June 20th, the crop insurance deadline, there was a considerable acreage not yet seeded because of cool, wet field conditions, particularly in the Eastern, Central and southern Interlake Regions. As a result, the planted area of a number of late-planted crops was reduced sharply, including soybeans, pulses, sunflowers, and there was considerable re-seeding of early-planted crops. There was a decrease of about 7% in cereal grain plantings, an increase of about 7% in oilseeds, and a decline of 10% in the special crop area in 2004. Summerfallow increased to 530,000 acres (220,000 in 2003). In many areas, crops that had been seeded were suffering from excessive moisture, a low number of growing degree days, and a lack of sunlight. There was frost reported on June 24-25 in areas of the Northwest and Central regions; however, most crops were sufficiently hardened, with the exception of edible beans. By the end of June, much of the province's fall rye and winter wheat crops were starting to head. Plant stress was evident on earlier-seeded crops. Crop development stages ranged widely. Cool weather slowed growth, delayed herbicide application in many fields, and resulted in herbicide injury in others.

July – Warmer weather arrived during the first week of July. At mid-month, cereal crops ranged from seedling to flowering in the Eastern Region to flag to early heading elsewhere. Flaxseed ranged from emerging to budding, early-seeded canola was flowering, and late-seeded canola was in rosette to early bolting. Soybeans, beans and corn were about 2 weeks behind in the Central Region. By the end of July, most crops were still late but progressing well, with cereals now ranging from flowering to soft dough, and late-seeded canola beginning to flower.

August – There was a widespread, hard frost on August 20th, causing significant damage to immature crops. Corn, soybeans, field beans, canola, flax and sunflowers were most affected, both in yield and quality. By the end of August, accumulated growing degree days were 3 to 4 weeks behind normal averages. Cool weather and rain left fields wet and halted progress. Some winter wheat was reported combined in the Eastern Region, and most fall rye and some barley fields were ready to swath. Some early-seeded canola, flax and peas were podded, and some swathing of canola begun in the Northwest Region. Many crops required another month of warm growing conditions.

September/November – Harvesting was slowed by heavy rains and cool weather. At the start of September, progress was less than 5% and at a standstill. There was sprouting in standing crops and damage to grain in swath. By the end of September, the cereal harvest was about 50% complete in the Central Region, 40% in the Southwest, 25% in the Interlake and Eastern Regions, and 5-10% in the Northwest. Canola was about 30-40% combined in the Central Region, 20% in the East and Interlake, and 10% in the Southwest, with little in the Northwest. Plant growth was halted by cool night-time temperatures, but warm drying weather in the first 2 weeks of October pushed cereal harvesting to 80-90% in Central and western Regions, with 75-80% in other areas. Canola harvesting ranged from 80% in the Interlake, to 60-70% in the Northwest and 25% in the Central Region. The potato harvest was nearing completion in the Central Region by around October 10th. Corn was slow to mature and mould increasingly evident. By mid-November, only small amounts of the major crops were still on fields, along with 50% of the sunflowers in the Central Region.

Most crop yield averages were surprisingly good in 2004, but quality suffered in most regions. The notable exceptions were the high-quality harvest in the extreme North West Region and many special crops. There was some level of downgrading and fungal damage (fusarium and/or other molds and mildew) through approximately 80% of the province's wheat and barley crops. Much of the kernel damage occurred at harvest time, rather at blossoming. F. graminearum continues to be the species responsible for almost all the fusarium damaged kernels (FDK) in Manitoba, but it has had a chemotype shift from the typical 15-acetyl type. In 1998, about 6% of FDK samples were 3-acetyl types, with a higher, less visible vomitoxin or DON (deoxynivalenol) potential. By 2004, the portion of 3-acetyl had risen to about 50%, according to the Canadian Grain Commission (CGC). Fusarium Head Blight (FHB) typically occurs at blossoming. FHB was found in 30.1% of the Manitoba wheat sampled by the CGC in 2003 (74% in 2002, 69% in 2001, 61% in 2000, 40.5% in 1999, 43.1% in 1998, 40% in 1999, 34.7% in 1996).

The protein content in Manitoba's #1CW Red Spring Wheat averaged 13.9% (vs 14.3% in 2003), and 13.6% (14.2%) over all grades, according to the CGC post-harvest survey. Approximately 62% of the Manitoba canola samples graded No.1 Canada (with an average of 42.9% oil and 21.5% protein), 26.8% graded No.2. Flaxseed averaged about 44.6% oil and 24.7% protein, with the oil containing 61.3% linolenic (54.2% in 2003).

CHART 7: Area of Crops Planted, 2004, 2005

NOTE: 2005 Other Crops is missing data for Lentils and Mustard Seed.
SOURCE: Statistics Canada.
PREPARED BY: Knowledge Management, Manitoba Agriculture, Food and Rural Initiatives.

TABLE 18: Number of Days Required for Selected Crops to Reach Maturity

Crop	Days to Maturity	Crop	Days to Maturity
Barley	60 – 90	Fababeans	105 – 115
Beans:		Field Peas	90 – 100
Black	95 – 105	Flax	85 – 100
Kidney and cranberry	100 – 114	Lentils	85 – 100
Navy and pinto	90 – 100	Mustard:	
Buckwheat	80 – 90	Brown or Oriental	85 – 95
Canary Grass Seed	95 – 105	Yellow	80 – 90
Canola:		Oats	85 – 88
- early Polish	73 – 83	Potatoes	110 – 140
- late Argentine	92 – 102	Sunflowers	120 – 130
Coriander	90 – 100	Spring Wheat	90 – 100
Corn (Grain)	110 – 120		

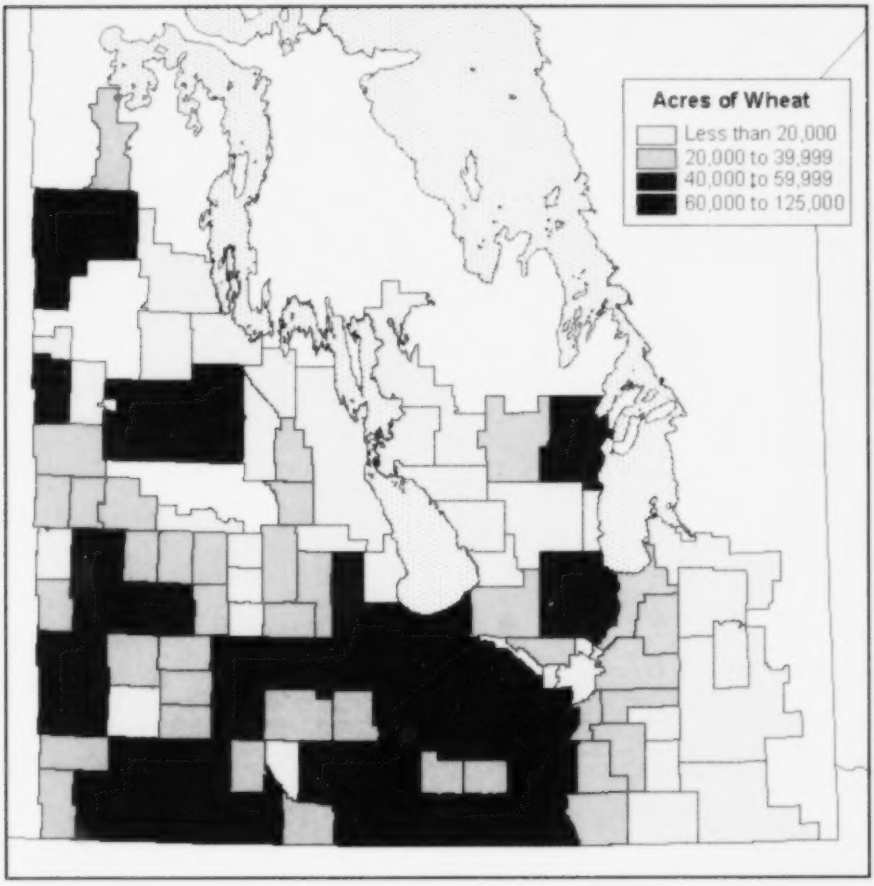
SOURCE: Agrometeorological Centre of Excellence (http://www.gov.mb.ca/agriculture/climate).

TABLE 19: Base Temperature for Selected Crops and Insects

Crops	Base Temperature* (°C)	Insects	Base Temperature* (°C)
Canola	5.0	Cabbage Maggot	6.0
Corn and Beans	10.0	General Insect Development, House flies	15.0
Forages	5.0	Grasshoppers, Corn Borers	10.0
General Plant Growth	5.0	Variegated Cutworm	7.0
Lettuce	4.4		
Peas and Asparagus	5.5		
Potatoes	7.0		
Pumpkins and Tomatoes	13.0		
Spinach	2.2		
Wheat	4.7		

* Minimum temperature required for growth and development.
SOURCE: Agrometeorological Centre of Excellence (http://www.gov.mb.ca/agriculture/climate).

MAP 5: Wheat Acres by Rural Municipality, 2001 Census



SOURCE: Statistics Canada, Census of Agriculture, 2001

WHEAT

TABLE 20: Area, Yield and Production of All Wheat, 2003[R], 2004[P]

Agricultural Region	Harvested Hectares (000)		Yield per Hectare (tonnes)		Production (000 tonnes)		% Chg
	2003	2004	2003	2004	2003	2004	04/03
1	215.2	237.4	2.41	3.05	519.5	723.9	139
2	171.5	162.3	2.47	2.93	424.3	475.2	112
3	147.6	142.8	2.71	2.31	400.3	330.4	83
4	50.1	61.2	2.66	2.20	133.4	134.4	101
5	102.3	85.3	3.02	3.06	308.9	261.0	84
6	117.6	87.0	2.70	3.26	317.1	283.3	89
7	181.3	143.7	3.60	3.64	651.8	523.6	80
8	235.4	216.0	3.43	3.25	807.8	702.6	87
9	80.9	55.6	3.43	2.89	277.6	161.0	58
10	8.5	8.9	3.35	2.84	28.6	25.2	88
11	54.0	47.7	3.39	3.30	182.9	157.6	86
12	41.9	30.9	2.64	3.21	110.5	99.1	90
Province	**1,406.3**	**1,278.7**	**2.96**	**3.03**	**4,162.5**	**3,877.4**	**93**
Agricultural Region	**Harvested Acres (000)**		**Yield/Acre (bushels)**		**Production (000 bushels)**		**% Chg**
1	532	587	35.9	45.3	19,090	26,600	139
2	424	401	36.8	43.5	15,590	17,460	112
3	365	353	40.3	34.4	14,710	12,140	83
4	124	151	39.6	32.7	4,900	4,940	101
5	253	211	44.9	45.5	11,350	9,590	84
6	291	215	40.1	48.4	11,650	10,410	89
7	448	355	53.5	54.2	23,950	19,240	80
8	581	534	51.0	48.4	29,680	25,820	87
9	200	137	51.0	43.1	10,200	5,920	58
10	21	22	49.8	42.5	1,050	930	88
11	133	118	50.3	49.1	6,720	5,790	86
12	104	76	39.2	47.7	4,060	3,640	90
Province	**3,475**	**3,160**	**44.0**	**45.1**	**152,950**	**142,470**	**93**

NOTE: Totals may not all add due to rounding.
SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives

Durum Wheat

TABLE 21: Area, Yield and Production of Durum Wheat, 2003[R], 2004[P]

Agricultural Region	Harvested Hectares (000)		Yield per Hectare (tonnes)		Production (000 tonnes)		% Chg
	2003	2004	2003	2004	2003	2004	04/03
1	5.7	2.3	2.35	2.13	13.3	4.9	37
2	2.7	1.0	2.48	2.34	6.8	2.4	36
3	0.0	0.0	0.00	0.00	0.0	0.0	-
4	0.9	0.0	2.50	0.00	2.2	0.0	-
5	0.3	0.0	2.06	0.00	0.5	0.0	-
6	1.2	0.0	0.91	0.00	1.1	0.0	-
7	1.4	0.1	3.22	3.54	4.4	0.3	6
8	1.6	0.1	2.93	3.33	4.6	0.3	6
9	0.0	0.0	0.00	0.00	0.0	0.0	-
10	0.0	0.3	0.00	2.36	0.0	0.8	-
11	0.0	0.0	0.00	0.00	0.0	0.0	-
12	0.5	0.2	2.28	0.00	1.1	0.0	0
Province	**14.2**	**4.1**	**2.40**	**2.15**	**34.0**	**8.7**	**26**

Agricultural Region	Harvested Acres (000)		Yield/Acre (bushels)		Production (000 bushels)		% Chg
1	14.0	5.7	34.9	31.6	490.0	180.0	37
2	6.8	2.6	36.9	34.8	250.0	90.0	36
3	0.0	0.0	0.0	0.0	0.0	0.0	-
4	2.2	0.0	37.2	0.0	80.0	0.0	-
5	0.7	0.0	30.6	0.0	20.0	0.0	-
6	3.0	0.0	13.5	0.0	40.0	0.0	-
7	3.3	0.2	47.9	52.7	160.0	10.0	6
8	3.9	0.2	43.6	49.6	170.0	10.0	6
9	0.0	0.0	0.0	0.0	0.0	0.0	-
10	0.0	0.9	0.0	35.1	0.0	30.0	-
11	0.0	0.0	0.0	0.0	0.0	0.0	-
12	1.2	0.5	34.0	0.0	40.0	0.0	0
Province	**35.0**	**10.0**	**35.7**	**32.0**	**1,250.0**	**320.0**	**26**

NOTE: Totals may not all add due to rounding.
SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives

TABLE 22: Area, Yield and Production of Spring Wheat, 2003[R], 2004[P]

Agricultural Region	Harvested Hectares (000)		Yield per Hectare (tonnes)		Production (000 tonnes)		% Chg
	2003	2004	2003	2004	2003	2004	04/03
1	184.1	176.0	2.24	2.73	412.3	480.4	116
2	151.8	141.6	2.39	2.84	362.0	402.8	111
3	135.6	137.6	2.66	2.25	360.9	309.7	86
4	48.6	60.7	2.65	2.18	128.7	132.5	103
5	101.2	85.0	3.02	3.06	305.6	259.9	85
6	113.3	85.0	2.69	3.24	304.8	275.4	90
7	157.8	119.4	3.52	3.46	555.2	412.9	74
8	214.4	198.2	3.36	3.13	721.2	620.7	86
9	68.8	50.6	3.38	2.78	232.7	140.6	60
10	8.1	8.1	3.33	2.81	26.9	22.7	84
11	48.6	44.5	3.27	3.19	158.7	142.1	89
12	38.4	30.4	2.52	3.21	96.9	97.4	101
Province	**1,270.7**	**1,137.1**	**2.88**	**2.90**	**3,665.9**	**3,297.0**	**90**

Agricultural Region	Harvested Acres (000)		Yield/Acre (bushels)		Production (000 bushels)		% Chg
	2003	2004	2003	2004	2003	2004	04/03
1	455	435	33.3	40.6	15,150	17,650	116
2	375	350	35.5	42.3	13,300	14,800	111
3	335	340	39.6	33.5	13,260	11,380	86
4	120	150	39.4	32.5	4,730	4,870	103
5	250	210	44.9	45.5	11,230	9,550	85
6	280	210	40.0	48.2	11,200	10,120	90
7	390	295	52.3	51.4	20,400	15,170	74
8	530	490	50.0	46.6	26,500	22,810	86
9	170	125	47.8	39.3	8,550	5,165	60
10	20	20	47.0	39.7	990	835	84
11	120	110	48.6	47.3	5,830	5,220	89
12	95	75	37.5	47.7	3,560	3,580	101
Province	**3,140**	**2,810**	**42.9**	**43.1**	**134,700**	**121,150**	**90**

NOTE: Totals may not all add due to rounding.
SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives

TABLE 23: Area, Yield and Production of Winter Wheat, 2003[R], 2004[P]

Agricultural Region	Harvested Hectares (000)		Yield per Hectare (tonnes)		Production (000 tonnes)		% Chg
	2003	2004	2003	2004	2003	2004	04/03
1	25.4	59.2	3.69	4.03	93.9	238.7	254
2	17.0	19.6	3.26	3.57	55.5	69.9	126
3	12.0	5.2	3.28	4.01	39.5	20.7	52
4	0.7	0.5	3.76	3.78	2.4	1.9	78
5	0.8	0.3	3.29	3.37	2.7	1.1	40
6	3.1	2.0	3.61	3.97	11.2	7.9	71
7	22.1	24.3	4.17	4.55	92.3	110.5	120
8	19.2	17.6	4.26	4.64	81.9	81.6	100
9	12.1	5.0	3.70	4.07	44.9	20.4	45
10	0.4	0.4	3.67	3.83	1.6	1.6	100
11	5.5	3.2	4.44	4.81	24.2	15.5	64
12	3.0	0.3	4.22	4.87	12.5	1.6	13
Province	**121.4**	**137.6**	**3.81**	**4.15**	**462.7**	**571.5**	**124**
Agricultural Region	**Harvested Acres (000)**		**Yield/Acre (bushels)**		**Production (000 bushels)**		**% Chg**
1	62.9	146.2	54.9	60.0	3,450	8,770	254
2	42.1	48.4	48.5	53.1	2,040	2,570	126
3	29.7	12.8	48.8	59.6	1,450	760	52
4	1.6	1.2	55.9	56.3	90	70	78
5	2.0	0.8	48.9	50.2	100	40	40
6	7.6	4.9	53.7	59.1	410	290	71
7	54.6	59.9	62.0	67.7	3,390	4,060	120
8	47.5	43.5	63.4	69.0	3,010	3,000	100
9	30.0	12.4	55.0	60.5	1,650	750	45
10	1.1	1.1	54.6	57.0	60	60	100
11	13.5	8.0	66.0	71.5	890	570	64
12	7.3	0.8	62.8	72.4	460	60	13
Province	**300.0**	**340.0**	**56.7**	**61.8**	**17,000**	**21,000**	**124**

NOTE: Totals may not all add due to rounding.
SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives

OATS

TABLE 24: Area, Yield and Production of Oats, 2003[e], 2004[f]

Agricultural Region	Seeded Hectares (000)		Harvested Hectares (000)		Yield Per Hectare (tonnes)		Production (000 tonnes)		% Chg
	2003	2004	2003	2004	2003	2004	2003	2004	04/03
1	44.5	34.4	36.4	30.4	1.78	3.00	64.8	91.0	140
2	40.5	32.4	28.3	26.3	1.42	2.99	40.1	78.7	196
3	34.4	28.3	28.3	20.2	2.34	3.12	66.3	63.2	95
4	12.1	12.1	8.1	8.1	2.10	2.29	17.0	18.5	109
5	10.1	6.1	8.1	4.0	2.48	3.05	20.0	12.3	62
6	28.3	20.2	26.3	14.2	2.35	3.38	61.7	47.8	78
7	89.0	72.8	83.0	60.7	3.76	3.68	311.5	223.6	72
8	56.7	48.6	56.7	44.5	3.70	3.33	209.7	148.1	71
9	46.5	40.5	46.5	32.4	3.68	3.10	171.2	100.2	59
10	6.1	4.0	4.0	2.0	3.05	3.05	12.3	6.2	50
11	30.4	28.3	30.4	22.3	3.51	3.53	106.4	78.7	74
12	18.2	16.2	8.1	10.1	1.71	3.51	13.9	35.5	256
Province	**416.8**	**344.0**	**364.2**	**275.2**	**3.01**	**3.28**	**1,095.0**	**903.7**	**83**

Agricultural Region	Seeded Acres (000)		Harvested Acres (000)		Yield Per Acre (bushels)		Production (000 bushels)		% Chg
	2003	2004	2003	2004	2003	2004	2003	2004	04/03
1	110	85	90	75	46.7	78.7	4,200	5,900	140
2	100	80	70	65	37.1	78.5	2,600	5,100	196
3	85	70	70	50	61.4	82.0	4,300	4,100	95
4	30	30	20	20	55.0	60.0	1,100	1,200	109
5	25	15	20	10	65.0	80.0	1,300	800	62
6	70	50	65	35	61.5	88.6	4,000	3,100	78
7	220	180	205	150	98.5	96.7	20,200	14,500	72
8	140	120	140	110	97.1	87.3	13,600	9,600	71
9	115	100	115	80	96.5	81.3	11,100	6,500	59
10	15	10	10	5	80.0	80.0	800	400	50
11	75	70	75	55	92.0	92.7	6,900	5,100	74
12	45	40	20	25	45.0	92.0	900	2,300	256
Province	**1,030**	**850**	**900**	**680**	**78.9**	**86.2**	**71,000**	**58,600**	**83**

NOTE: Totals may not all add due to rounding.
SOURCE: Statistics Canada; Manitoba Agriculture, Food and Rural Initiatives.

BARLEY

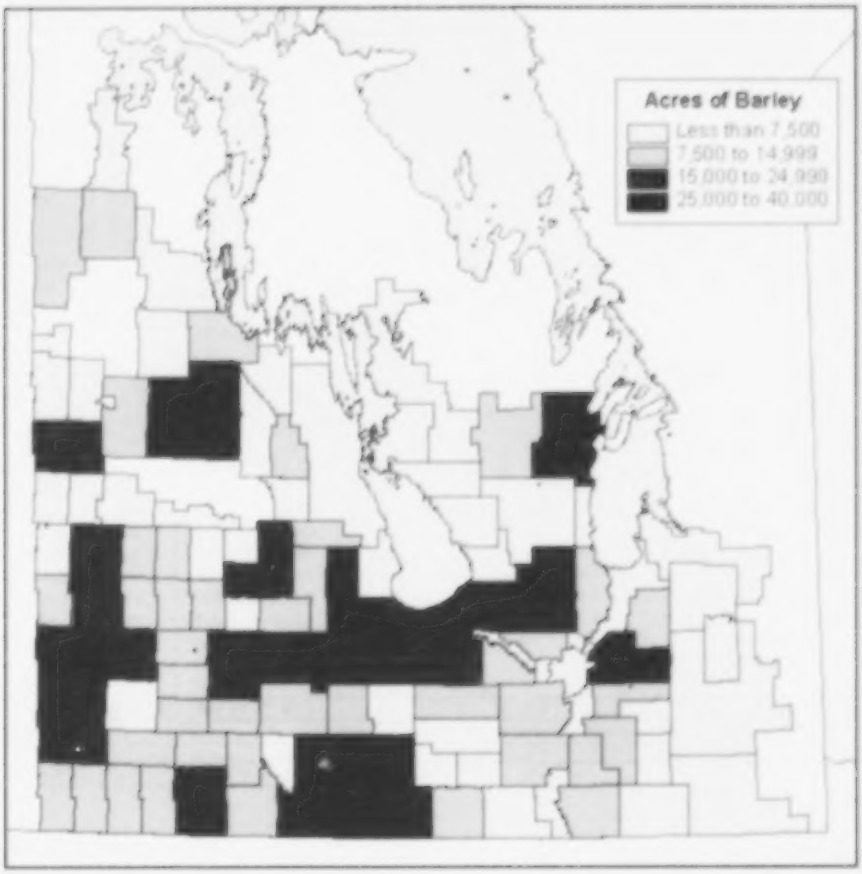
TABLE 25: Area, Yield and Production of Barley, 2003[R], 2004[F]

Agricultural Region	Seeded Hectares (000)		Harvested Hectares (000)		Yield Per Hectare (tonnes)		Production (000 tonnes)		% Chg
	2003	2004	2003	2004	2003	2004	2003	2004	04/03
1	54.6	52.6	50.6	46.5	2.75	3.56	139.3	165.5	119
2	76.9	74.9	68.8	66.8	2.69	3.78	185.1	252.6	136
3	62.7	66.8	56.7	56.7	3.27	3.30	185.1	187.2	101
4	20.2	22.3	16.2	16.2	3.09	3.09	50.1	50.1	100
5	14.2	6.1	14.2	6.1	4.00	3.59	56.6	21.8	38
6	38.4	36.4	34.4	30.4	3.10	3.87	106.7	117.6	110
7	44.5	42.5	40.5	36.4	4.09	4.01	165.5	145.9	88
8	56.7	60.7	54.6	56.7	4.06	3.92	222.1	222.1	100
9	20.2	18.2	18.2	14.2	4.06	2.61	74.0	36.9	50
10	4.0	6.1	4.0	6.1	3.77	3.23	15.2	19.6	129
11	24.3	24.3	22.3	20.2	4.30	3.77	95.8	76.2	80
12	28.3	22.3	24.3	18.2	3.14	3.95	76.2	71.9	94
Province	**445.2**	**433.0**	**404.7**	**374.3**	**3.39**	**3.65**	**1,371.7**	**1,367.3**	**100**

Agricultural Region	Seeded Acres (000)		Harvested Acres (000)		Yield Per Acre (bushels)		Production (000 bushels)		% Chg
	2003	2004	2003	2004	2003	2004	2003	2004	04/03
1	135	130	125	115	51.2	66.1	6,400	7,600	119
2	190	185	170	165	50.0	70.3	8,500	11,600	136
3	155	165	140	140	60.7	61.4	8,500	8,600	101
4	50	55	40	40	57.5	57.5	2,300	2,300	100
5	35	15	35	15	74.3	66.7	2,600	1,000	38
6	95	90	85	75	57.6	72.0	4,900	5,400	110
7	110	105	100	90	76.0	74.4	7,600	6,700	88
8	140	150	135	140	75.6	72.9	10,200	10,200	100
9	50	45	45	35	75.6	48.6	3,400	1,700	50
10	10	15	10	15	70.0	60.0	700	900	129
11	60	60	55	50	80.0	70.0	4,400	3,500	80
12	70	55	60	45	58.3	73.3	3,500	3,300	94
Province	**1,100**	**1,070**	**1,000**	**925**	**63.0**	**67.9**	**63,000**	**62,800**	**100**

NOTE: Totals may not all add due to rounding.
SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives

MAP 6: Barley Acres by Rural Municipality, 2001 Census



SOURCE: Statistics Canada, Census of Agriculture, 2001

RYE

TABLE 26: Area, Yield and Production of All Rye, 2003[r], 2004[f]

Agricultural Region	Harvested Hectares (000)		Yield per Hectare (tonnes)		Production (000 tonnes)		% Chg
	2003	2004	2003	2004	2003	2004	04/03
1	5.7	8.7	2.39	3.06	13.6	26.6	196
2	7.1	8.7	2.15	3.03	15.3	26.4	172
3	1.2	1.4	2.40	3.23	2.8	4.4	157
4	0.0	0.1	0.00	2.23	0.0	0.3	-
5	0.1	0.1	2.61	2.35	0.4	0.2	56
6	0.6	1.2	2.73	2.85	1.6	3.4	206
7	2.2	3.1	3.01	3.13	6.5	9.8	151
8	2.6	4.0	3.29	3.36	8.4	13.5	160
9	0.5	0.3	2.25	1.95	1.1	0.7	63
10	0.1	0.5	2.26	1.51	0.2	0.7	364
11	0.0	0.0	0.00	0.00	0.0	0.0	-
12	0.2	0.2	3.69	2.40	0.9	0.5	53
Province	20.2	28.3	2.50	3.04	50.8	86.4	170

Agricultural Region	Harvested Acres (000)		Yield/Acre (bushels)		Production (000 bushels)		% Chg
	2003	2004	2003	2004	2003	2004	04/03
1	14.0	21.5	38.14	48.76	534.9	1,047.2	196
2	17.6	21.5	34.29	48.22	604.0	1,037.6	172
3	2.9	3.4	38.18	51.38	111.0	173.9	157
4	0.0	0.4	0.00	35.46	0.0	13.1	-
5	0.3	0.2	41.54	37.44	14.3	8.0	56
6	1.5	2.9	43.57	45.45	64.3	132.2	206
7	5.3	7.7	47.99	49.81	255.2	385.4	151
8	6.3	9.9	52.42	53.48	331.4	530.0	160
9	1.2	0.9	35.89	30.99	40.7	26.7	63
10	0.2	1.1	36.01	23.98	7.4	27.0	364
11	0.0	0.0	0.00	0.00	0.0	0.0	-
12	0.6	0.5	58.72	38.21	35.3	18.9	53
Province	50.0	70.0	40.00	48.60	2,000.1	3,400.0	170

NOTE: Totals may not all add due to rounding.
SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives

MIXED GRAINS

An estimated 6,100 tonnes (300,000 bushels) of mixed grains were produced in 2004, only 74 percent of 2003. The harvested area in 2004 was 2,000 hectares (5,000 acres), half of the 2003 level. This does not include mixed grains harvested as hay or silage.

CANOLA

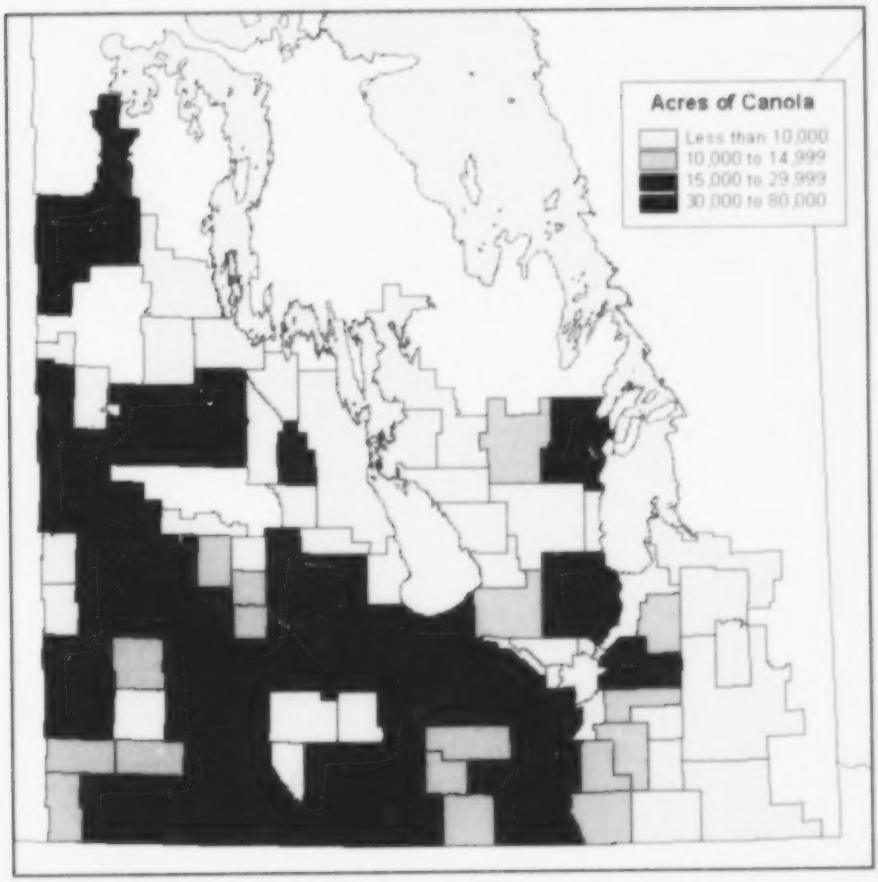
TABLE 27: Area, Yield and Production of Canola, 2003[R], 2004[P]

Agricultural Region	Harvested Hectares (000)		Yield per Hectare (tonnes)		Production (000 tonnes)		% Chg
	2003	2004	2003	2004	2003	2004	04/03
1	111.3	131.5	1.28	1.62	142.9	213.2	149
2	105.2	91.1	1.25	1.67	131.5	152.0	116
3	125.5	113.3	1.63	1.25	204.1	141.7	69
4	40.5	52.6	1.63	0.95	65.8	49.9	76
5	85.0	85.0	2.13	1.73	181.4	147.4	81
6	80.9	66.8	1.58	1.97	128.1	131.5	103
7	137.6	129.5	2.10	1.97	289.2	255.1	88
8	167.9	194.3	1.96	1.82	328.9	353.8	108
9	60.7	58.7	1.98	1.72	120.2	100.9	84
10	6.1	12.1	2.05	1.87	12.5	22.7	182
11	44.5	52.6	2.09	2.11	93.0	111.1	120
12	42.5	44.5	1.68	2.22	71.4	98.7	138
Province	**1,007.7**	**1,032.0**	**1.76**	**1.72**	**1,769.0**	**1,778.1**	**101**

Agricultural Region	Harvested Acres (000)		Yield/Acre (bushels)		Production (000 bushels)		% Chg
1	275	325	22.9	28.9	6,300	9,400	149
2	260	225	22.3	29.8	5,800	6,700	116
3	310	280	29.0	22.3	9,000	6,250	69
4	100	130	29.0	16.9	2,900	2,200	76
5	210	210	38.1	31.0	8,000	6,500	81
6	200	165	28.3	35.2	5,650	5,800	103
7	340	320	37.5	35.2	12,750	11,250	88
8	415	480	34.9	32.5	14,500	15,600	108
9	150	145	35.3	30.7	5,300	4,450	84
10	15	30	36.7	33.3	550	1,000	182
11	110	130	37.3	37.7	4,100	4,900	120
12	105	110	30.0	39.5	3,150	4,350	138
Province	**2,490**	**2,550**	**31.3**	**30.7**	**78,000**	**78,400**	**101**

NOTE: Totals may not all add due to rounding.
SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives.

MAP 7: Canola Acres by Rural Municipality, 2001 Census



SOURCE: Statistics Canada, Census of Agriculture, 2001

FLAXSEED

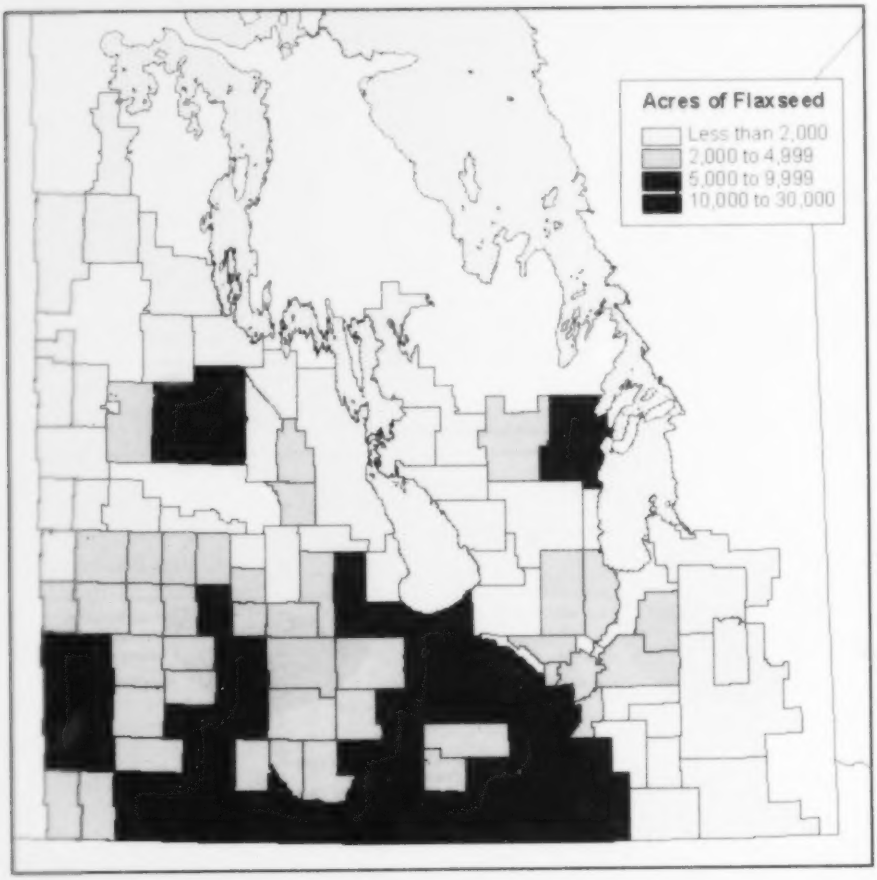
TABLE 28: Area, Yield and Production of Flaxseed, 2003[r], 2004[r]

Agricultural Region	Harvested Hectares (000)		Yield per Hectare (tonnes)		Production (000 tonnes)		% Chg
	2003	2004	2003	2004	2003	2004	04/03
1	27.1	15.4	0.96	1.17	26.2	18.0	69
2	23.1	15.8	1.13	1.19	26.2	18.8	72
3	23.5	16.2	1.31	0.82	30.7	13.2	43
4	2.4	1.6	1.46	0.31	3.6	0.5	14
5	0.4	0.4	1.26	1.26	0.5	0.5	100
6	9.7	6.1	1.18	1.46	11.4	8.9	78
7	20.6	15.8	1.58	1.61	32.5	25.4	78
8	29.1	19.4	1.23	1.43	35.8	27.7	77
9	10.5	6.5	1.38	1.29	14.5	8.4	58
10	0.4	1.6	1.26	0.63	0.5	1.0	200
11	5.3	2.4	1.30	1.46	6.9	3.6	52
12	6.1	4.0	1.13	1.51	6.9	6.1	89
Province	158.2	105.2	1.24	1.26	195.6	132.1	68

Agricultural Region	Harvested Acres (000)		Yield/Acre (bushels)		Production (000 bushels)		% Chg
	2003	2004	2003	2004	2003	2004	04/03
1	67.0	38.0	15.37	18.68	1,030.0	710.0	69
2	57.0	39.0	18.07	18.97	1,030.0	740.0	72
3	58.0	40.0	20.86	13.00	1,210.0	520.0	43
4	6.0	4.0	23.33	5.00	140.0	20.0	14
5	1.0	1.0	20.00	20.00	20.0	20.0	100
6	24.0	15.0	18.75	23.33	450.0	350.0	78
7	51.0	39.0	25.10	25.64	1,280.0	1,000.0	78
8	72.0	48.0	19.58	22.71	1,410.0	1,090.0	77
9	26.0	16.0	21.92	20.63	570.0	330.0	58
10	1.0	4.0	20.00	10.00	20.0	40.0	200
11	13.0	6.0	20.77	23.33	270.0	140.0	52
12	15.0	10.0	18.00	24.00	270.0	240.0	89
Province	391.0	260.0	19.69	20.00	7,700.0	5,200.0	68

NOTE: Totals may not all add due to rounding.
SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives

MAP 8: Flaxseed Acres by Rural Municipality, 2001 Census



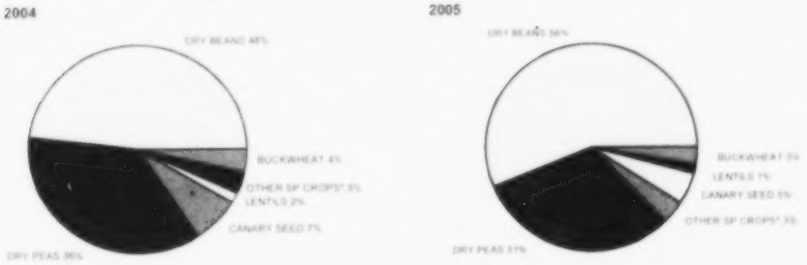
SOURCE: Statistics Canada, Census of Agriculture, 2001.

TABLE 29: Area and Production of Major Grains & Oilseeds, 2003[R], 2004[P]

Agri-cultural Region	Harvested Area (000 ha)		Harvested Area (000 ac)		Production (000 tonnes)		Production (000 bushels)		2004/2003 (% change) (metric)		Distribution of Production (% - metric)	
	2003	2004	2003	2004	2003	2004	2003	2004	Area	Prod'n	2003	2004
1	446	470	1,103	1,161	906	1,238	19,090	26,600	105	137	10	15
2	404	371	998	917	823	1,004	15,590	17,460	92	122	10	12
3	383	351	946	866	889	740	14,710	12,140	92	83	10	9
4	117	140	290	346	270	254	4,900	4,940	119	94	3	3
5	210	181	519	447	568	443	11,350	9,590	86	78	7	5
6	270	206	666	508	627	592	11,650	10,410	76	95	7	7
7	465	389	1,149	962	1,457	1,183	23,950	19,240	84	81	17	15
8	546	535	1,350	1,322	1,613	1,468	29,680	25,820	98	91	19	18
9	217	168	537	414	659	408	10,200	5,920	77	62	8	5
10	23	31	57	77	69	75	1,050	930	134	109	1	1
11	156	145	386	359	485	427	6,720	5,790	93	88	6	5
12	123	108	304	267	280	312	4,060	3,640	88	111	3	4
Province	**3,361**	**3,094**	**8,306**	**7,645**	**8,645**	**8,145**	**152,950**	**142,470**	**92**	**94**	**100**	**100**

SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives

CHART 8: Area of Selected Special Crops Planted, 2004, 2005



* Excludes grain and fodder corn, sunflowers and soybeans.

SOURCE: Statistics Canada

PREPARED BY: Knowledge Management, Manitoba Agriculture, Food and Rural Initiatives

TAME HAY AND PASTURE

In 2004, the area harvested for tame hay (dry hay and silage) was at 860,000 hectares (2,125,000 acres), the same as the 2003 estimate. Hay production increased by 55.4 percent to 3.31 million tonnes (3.65 million tons) in 2004.

TABLE 30: Area of Tame Hay (dry hay only), 2002[R] - 2004[P]

Agricultural Region	Harvested Hectares (000)			Harvested Acres (000)			% Chg
	2002	2003	2004	2002	2003	2004	04/03
1	59	63	63	145	155	155	100
2	73	89	83	180	220	205	93
3	65	83	67	160	205	165	80
4	51	47	47	125	115	115	100
5	32	36	40	80	90	100	111
6	107	121	107	265	300	265	88
7	81	91	89	200	225	220	98
8	57	59	67	140	145	165	114
9	53	53	57	130	130	140	108
10	36	28	30	90	70	75	107
11	36	38	55	90	95	135	142
12	170	152	156	420	375	385	103
Province	**820**	**860**	**860**	**2,025**	**2,125**	**2,125**	**100**

SOURCE: Statistics Canada

TABLE 31: Area of Summerfallow, 2002[R] - 2004[P]

Agricultural Region	Hectares (000)			Acres (000)			% Chg
	2002	2003	2004	2002	2003	2004	04/03
1	7	10	36	20	25	90	360
2	18	16	26	45	40	65	163
3	22	16	24	55	40	60	150
4	12	8	6	30	20	15	75
5	7	4	6	15	10	15	150
6	19	8	24	45	20	60	300
7	11	4	12	25	10	30	300
8	4	4	10	10	10	25	250
9	5	4	34	10	10	85	850
10	4	2	8	10	5	20	400
11	5	2	10	10	5	25	500
12	9	10	16	20	25	40	160
Province	**121**	**89**	**214**	**300**	**220**	**530**	**241**

SOURCE: Statistics Canada

TABLE 32: Summary of Irrigated Acres by Crop, 1991 - 2003

Crop	1988[1]	1991[2]	1994[2]	1997[2]	1999[2R]	2001[2*]	2003[2*]	% of 2003 Acreage	# of Farms in 2003
	acres								
Potatoes	8,601	17,475	31,262	42,139	46,435	54,417	58,174	75.6	98
Cereals	8,324	5,480	4,909	10,509	10,395	5,420	6,745	8.8	15
Vegetables	2,670	2,651	3,107	3,355	3,353	3,366	2,987	3.9	18
Forages	4,837	3,750	3,962	2,525	3,005	2,450	6,541	8.5	14
Oilseeds	1,091	982	1,096	1,635	1,317	389	1,683	2.2	7
Nursery	870	692	797	517	374	95	125	0.2	4
Fruit	656	613	616	468	493	39	45	0.1	3
Pulse	NA	800	500	465	752	1,605	352	0.5	4
Sod	2,200	2,590	2,670	280	310	200	300	0.4	1
TOTAL	**31,521**	**35,438**	**49,673**	**62,088**	**66,956**	**67,981**	**76,952**	-	-

[1] Survey conducted by Manitoba Agriculture. The next survey is planned for 2006 and results in March, 2007.
[2] Survey conducted by the Association of Irrigators in Manitoba.
[*] 2001 and 2003 surveys only include farms irrigating more than 50 acres.
SOURCE: Association of Irrigators of Manitoba, Census of Agriculture 2001.

POTATOES

Spring planting began in late April of 2004 and ran uninterrupted up until the snowfall of May 11th, 2004. Planting that was not completed before the snow and was delayed through to late May and early June for some fields. The wet start to the growing season caused seed piece decay in some fields.

The summer months were generally cool and damp. Irrigation was used, as required, to minimize the stress on the crop, up to and including the later part of the summer. The fall was above average for temperature and below average for precipitation. The warmer than average early fall weather allowed for more bulking and produced a higher than expected yield from most all fields planted before the latter part of May. Harvest conditions were variable across the province and generally could be described as average to below average in most areas. These adverse conditions contributed to some storage losses early on. The majority of the crop stored well through the storage season.

There were isolated pockets where insect pests were a problem, but in general these problems were not wide spread and did not cause major damage. The late blight forecasting network was used again in 2004. Late blight was not a major problem in Manitoba in 2004. Bacterial ring rot (BRR) was found in Manitoba in 2004. Some BRR positive lots were put into storage while more seriously affected fields were either shipped directly from the field or not harvested at all.

Planted acres were down from the 103,000 acres in 2003 to 98,000 acres in 2004. Harvested acres were down from the 103,000 reported in 2003 to 93,000 acres in 2004.

Estimated harvested area, marketed production and value in 2004 are as follows:

TABLE 33: Area, Marketings and Value of Potatoes, 2004

	Harvested Area		Marketings		Average Price		Value
	Acres	Hectares	(000 cwt)	(tonnes)	$/cwt	$/kg	($000)
Processing	78,118	31,617	16,900	766,563	7.55	0.166	127,595
Seed*	7,280	2,946	750	34,019	11.06	0.244	8,295
Fresh Market	7,602	3,077	1,250	56,698	13.13	0.289	16,412
TOTAL	**93,000**	**37,640**	**18,900**	**857,280**	**8.06**	**0.178**	**152,302**

[*] A large percentage of the harvested seed crop is retained for recertification or sold into the processing or fresh market sectors. Those marketings are included in the totals.
SOURCE: Manitoba Agriculture, Food and Rural Initiatives.

VEGETABLES

TABLE 34: Area, Marketings and Value of Fresh Vegetables, 2004

	No. of Census Farms 2001	Area Planted Acres		Area Harvested (acres)	Marketings (000 lb.)	Average Price ($/lb.)	Total Value ($000)
		Census 2001[R]	Commercial 2004				
Asparagus	26	142	X	X	X	1.61	X
Beans, green/wax	66	100	X	X	X	0.05	X
Beets	57	107	X	X	X	0.16	X
Broccoli	36	378	X	X	X	0.32	X
Cabbage (incl. Chinese)	59	430	X	X	X	0.21	X
Carrots	66	722	870	695	21000	0.15	3,200
Cauliflower	31	470	X	X	X	0.38	X
Celery	11	120	X	X	X	0.26	X
Corn, sweet	134	838	740	290	1625	0.22	360
Cucumbers & Gherkins	90	158	170	170	1310	0.52	685
Leeks	NA	10	X	5	X	0.67	X
All Lettuce	31	135	X	X	X	0.26	X
Onions, dry, cooking	63	520	540	480	18375	0.14	2,540
Onions, green*	25	158	X	X	X	0.42	X
Parsnips	NA	65	X	X	X	0.18	X
Peas, green (in shell) (est.)	57	90	X	X	X	0.89	X
Peppers	47	61	X	X	X	0.13	X
Pumpkins	see squash	92	100	95	365	0.07	25
Radishes	28	48	X	X	X	1.00	X
Rutabagas & Turnips	12	27	X	X	X	0.29	X
Squash & Zucchinis	80	100	80	75	830	0.38	315
Tomatoes (est)	82	49	30	10	45	0.89	40
Others	NA	35	30	30	NA	NA	NA
TOTAL	**258**	**4,855**	**4,845**	**3,940**	**69,370**		**15,188**

* Includes shallots.
X - Confidential.
NA - Not Available.
NOTE: Total excluding onion sets, rhubarb and melons. Also totals will not add due to confidential data.
SOURCE: Statistics Canada, Peak of the Market, Manitoba Agriculture, Food and Rural Initiatives.

TABLE 34: Vegetables Continued

	No. of Census Farms 2001	Area Planted Hectares		Area Harvested (hectares)	Marketings (tonnes)	Average Price ($/kg)	Total Value ($000)
		Census 2001[R]	Commerical 2004				
Asparagus	26	57	X	X	X	4	X
Beans, green/wax	66	40	X	X	X	0	X
Beets	57	43	X	X	X	0	X
Broccoli	36	153	X	X	X	1	X
Cabbage (incl Chinese)	59	174	X	X	X	0	X
Carrots	66	292	352	281	9,526	0	3,200
Cauliflower	31	470	X	X	X	1	X
Celery	11	120	X	X	X	1	X
Corn, sweet	134	339	299	117	737	0	360
Cucumbers & Gherkins	90	64	69	69	594	1	685
Leeks	NA	4	X	2	X	1	X
All Lettuce	31	55	X	X	X	1	X
Onions, dry, cooking	63	210	219	194	8,335	0	2,540
Onions, green*	25	64	X	X	X	1	X
Parsnips	NA	65	X	X	X	0	X
Peas, green (in shell) (est.)	57	36	X	X	X	2	X
Peppers	47	25	X	X	X	0	X
Pumpkins	see squash	37	40	38	166	0	25
Radishes	28	19	x	X	X	2	X
Rutabagas & Turnips	12	11	x	X	X	1	X
Squash & Zucchinis	80	40	32	30	376	1	315
Tomatoes (est)	82	20	12	4	20	2	40
Others	NA	14	12	12	NA	NA	NA
TOTAL	**258**	**1,965**	**1,961**	**1,594**	**31,465**		**15,188**

* Includes shallots.
X - Confidential.
NA - Not Available.
NOTE: Total excluding onion sets, rhubarb and melons. Also totals will not add due to confidential data.
SOURCE: Statistics Canada, Peak of the Market, Manitoba Agriculture, Food and Rural Initiatives.

ORNAMENTAL CROPS & FRUIT

Strawberries

Good snowcover over the winter of 2003-2004 minimized winterkill in strawberry fields. A late spring snowfall in May combined with cool spring temperatures and excessive moisture levels delayed flowering for all fruit crops (strawberry and Saskatoon). Late blooming of the fields therefore picking did not start until about mid-July. Most producers experienced average yields despite the late picking and poor weather.

Prices were $1.30-1.70/lbs ($6.50-$8.50/4 L pail) U-Pick. Pre-Pick $2.10-2.80/lbs ($10.50-14.00/4 L pail).

Saskatoons

Delayed flowering as a result of cool spring temperatures. As a result harvesting was up to two weeks later than normal, occurring in late July to early August. In spite of the poor weather (cool and wet), most orchards had average to above average saskatoon yields.

Prices for Saskatoons ranged from $2.00-2.50/lbs ($10.00-$12.50/4 L pail) U-Pick and $3.00-3.50/lbs ($15.25-17.50/4 L pail) Pre-Pick.

Raspberries

Similar to strawberries, flowering was delayed as a result of cool spring temperatures and slight delay in harvest from normal. Most harvesting occurred in late July to early August for early maturing summer bearing varieties to late August for late maturing summer bearing varieties. Average to above average yields occurred with most growers.

Prices for raspberries ranged from $2.67-3.67/lbs ($2.00-$2.75/pint) for U-Pick and for Pre-Pick $4.00-6.33/lbs ($3.00-4.75/pint).

TABLE 35: Area, Marketings and Value of Fruit, 2004

	No. of Census Farms 2001	Area Planted (acres)		Area Harvested (acres)	Marketings (000 lbs)	Average Price ($/lb.)	Total Value ($000)
		Census 2001	Comm. 2004				
Apples	26	56	55	25	295	0.40	118
Raspberries	96	127	260	210	180	4.50	810
Saskatoon berries	131	342	690	290	870	2.75	2,300
Strawberries	109	563	680	310	1,032	2.05	2,115
Other fruit	40	180	191	67	64	2.00	64
TOTAL	**295**	**1,268**	**1,876**	**902**	**2,441**	**2.34**	**5,407**

SOURCE: Statistics Canada, Census of Agriculture 2001, Manitoba Agriculture, Food and Rural Initiatives.

Greenhouse Production

Greenhouse plant sales totalled $30,329,500 in 2004, up 11.5% from 2003. Total vegetable sales for 2004 were approximately $482,300, up 7.6%.

There are approximately 145 greenhouse operations in operation in Manitoba, and a total of 245 greenhouses. Total employment is estimated at 1230 people in 2004, compared to 1190 in 2003. The number of greenhouse operations has declined in recent years because of consolidations and retirements.

A cold wet spring in 2004 hindered bedding plant sales in most sectors. No snow load damage was reported, following the relatively mild winter. Growers who experience damage usually reconstruct in early spring to maintain production capacity. Generally, greenhouse operations opened for business on time with a few operations opening a week or two earlier to hopefully capture the early market.

Greenhouse operating expenses are dominated by wages, heating fuel prices, delivery costs, maintenance and machinery costs. The cost of heating fuels account for approximately 30-40 percent of the greenhouse operating expenses. Delays in cross-border shipping have further increased pressure on profit margins.

Manitoba greenhouses have reduced or limited production in traditional bedding plants which discount home and garden superstores use as "loss leaders". Independent growers have increasingly specialized in high quality products, selection, and service at a premium price. The changes in marketing strategy have maintained sales close to previous levels. The independent greenhouse grower in Manitoba has survived recent industry changes, improving efficiency, plant quality and providing expert advice and customer support in order to remain competitive.

Mushrooms

In 2002, a major mushroom producer went out of production, leaving one large producer and six small producers. The estimated mushroom production in 2002 was about 2.5 million kg (5.5 million lb) valued at an estimated $8.5 million. No data available for 2003 and 2004.

Nursery Sod

The sod area under cultivation for sale by 10 growers in 2001 was 946 hectares (2,338 acres). The value of sales of sod from 220 hectares (545 acres) in 2001 was revised to over $1.8 million. In 2002, only 5 growers reported sod under cultivation for sale. The total area of sod was 730 hectares (1,800 acres), of which over one-third was sold during the year. The value of sales of these growers in 2002 was estimated at close to $1.8 million. No data available for 2003 and 2004.

Nursery Products

According to the 2001 Census of Agriculture the total area of outdoor plantings for 165 nurseries was 1,014 hectares (2,505 acres) in 2001. The area was estimated by Statistics Canada at 970 hectares (2,400 acres) in 2002. Direct sales to the public were valued at $3.1 million in 2002, sales to landscape contractors increased to $1.7 million, sales to garden centres and other growers rose to $2.8 million and $1.1 million respectively in 2002, while sales to public agencies, other channels and for export remained fairly steady at $0.5 million, $0.6 million and $0.6 million respectively. The gross value of 2002 sales increased to almost $10.5 million from $10.2 million in 2001, while the net value (less resales) rose to $7.7 million from $7.2 million a year earlier. No data available for 2003 and 2004.

TABLE 36: Value of Production of Vegetables, Ornamental Crops & Fruit, 2003, 2004

	2003[R]	2004
	($000)	
Potatoes	180,311	152,302
Commercial Vegetables	15,504	15,188
Commercial Fruits	3,063	5,407
Environmentally Controlled Production (Greenhouse)	36,200*	30,812
TOTAL	**235,078**	**203,709**

* Assume no change from previous year's value.
SOURCE: Manitoba Agriculture, Food and Rural Initiatives, Statistics Canada

FOREST PRODUCTS

The 2001 Census of Agriculture reported that 309 farms sold forest products valued at $2.0 million in 2000. This was based on total commercial sales and included plywood and fence posts. In 2004, farm cash receipts from forest products were estimated at $1.8 million, similar to 2003.

Christmas Trees

The 2001 Census of Agriculture reported 112 farms with a total 512 hectares (1,266 acres) of Christmas trees. This was a decrease of 28 farms and 358 hectares (884 acres) from 1996. The value of Christmas tree sales in 2004 was estimated at $121,000, up slightly from the $102,000 in 2003.

SEED PRODUCTION

Forage Seeds

The average price of alfalfa increased from 2003 to 2004, while sales and planted acres decreased. Overall, total farm gate value increased from 2003 to 2004.

The following table shows approximate planted area, marketings and average farm gate price for a combination of certified and common seed, in a given year. Prices can vary depending on the product and category of sale. Seed is sold as common or certified, or it may be contracted with a specific company, in which case price could be higher than the stated average.

TABLE 37: Area, Sales and Value of Forage Seeds, 2003[R] and 2004[P]

2003[R]	Total Area		Sales		Average Price		Farm Value ($000)
	Hectares	Acres	kg (000)	lb (000)	/kg ($)	/lb ($)	
Alfalfa	17,807	44,000	2,926	6,437	1.83	0.83	5,343
Annual Rye Grass	2,024	5,000	1,917	4,218	0.46	0.21	886
Perennial Rye Grass	4,047	10,000	5,385	11,846	1.10	0.50	5,923
Timothy	13,355	33,000	2,694	5,927	0.99	0.45	2,667
Birdsfoot Trefoil	1,618	4,000	597	1,313	2.64	1.20	1,576
Bromegrass	809	2,000	108	238	1.49	0.67	159
Total Wheatgrass	1,618	4,000	250	550	0.90	0.40	220
Meadow and Other Fescue	6,272	15,500	816	1,800	0.82	0.37	687
Total Clover	2,630	6,500	466	1,028	1.00	0.46	412
Other Grasses	5,260	13,000	136	300	3.31	1.50	545
TOTAL	**55,440**	**137,000**	**15,295**	**33,657**	**1.18**	**0.54**	**18,198**

2004	Total Area		Sales		Average Price		Farm Value ($000)
	Hectares	Acres	kg (000)	lb (000)	/kg ($)	/lb ($)	
Alfalfa	15,783	39,000	2,492	5,483	2.57	1.17	6,415
Annual Rye Grass	2,024	5,000	1,622	3,569	0.48	0.22	785
Perennial Rye Grass	8,499	21,000	9,983	21,963	1.01	0.46	10,103
Timothy	11,332	28,000	3,845	8,458	1.03	0.47	3,975
Birdsfoot Trefoil	1,012	2,500	349	767	4.03	1.83	1,404
Bromegrass	769	1,900	362	800	0.51	0.23	198
Total Wheatgrass	1,942	4,800	227	500	1.10	0.50	250
Meadow and Other Fescue	6,070	15,000	3,039	6,700	0.50	0.25	1,687
Total Clover	2,023	5,000	195	430	1.54	0.70	302
Other Grasses	6,070	15,000	181	400	3.08	1.40	561
TOTAL	**55,524**	**137,200**	**22,295**	**49,070**	**1.15**	**0.52**	**25,680**

SOURCE: Manitoba Forage Seed Association Check-off Sales Reports, Manitoba Agriculture, Food and Rural Initiatives

TABLE 38: Area of Foundation, Registered and Certified Seed Production, 2000-2004

Kind of Crop	2000	2001	2002	2003	2004
	Hectares				
Wheat - Spring*	43,028	42,638	46,566	34,648	34,553
- Durum	2,256	176	291	210	98
- Winter	3,125	4,687	2,974	3,368	4,889
Oats	4,100	5,697	9,570	7,467	5,972
Barley	23,869	15,852	13,282	15,774	12,753
Rye - Fall	506	165	350	152	325
- Spring	0	0	0	1	0
Triticale	28	17	86	18	34
Flaxseed	13,658	11,617	9,240	8,354	8,283
Peas - Dry	4,530	4,994	7,623	4,740	4,551
- Chickpeas	-	-	4	0	0
Beans - Faba	582	225	165	333	207
- Soy	666	2,234	3,327	4,305	6,795
- Dry	0	2,410	4,259	3,446	2,375
Corn	-	-	184	81	90
Buckwheat	666	540	362	237	275
Canola	7,570	5,107	4,173	5,049	5,293
Alfalfa	7,528	8,565	8,453	7,298	6,861
Bromegrass	243	333	409	370	564
Kentucky Bluegrass	32	0	0	0	16
Meadow Fescue	241	191	251	191	255
Sweet Clover - Yellow Blossom	79	14	171	148	186
Timothy	9,253	11,446	9,534	8,159	7,503
Red Clover - Single- and Double-cut	1,741	1,471	613	220	258
Birdsfoot Trefoil	2,394	2,819	2,188	1,152	918
Mustard (Yellow and Brown)	30	0	2	26	0
Radish	108	0	0	0	0
Lentils	839	119	57	59	63
Canary Grass	663	824	593	569	125
Hemp	-	-	400	622	380
Miscellaneous Grass Crops	4,551	5,154	4,840	5,998	9,102
TOTAL	**130,264**	**124,918**	**129,078**	**112,923**	**111,898**
	Acres				
Wheat - Spring*	106,325	105,361	115,067	85,616	85,383
- Durum	5,600	435	719	519	242
- Winter	7,723	11,582	7,348	8,324	12,081
Oats	10,131	14,077	23,648	18,451	14,758
Barley	58,981	39,172	32,820	38,977	31,514
Rye - Fall	1,250	409	864	376	802
- Spring	-	-	0	0	0
Triticale	70	43	212	43	83
Flaxseed	28,706	22,833	20,644	20,468	18,427
Peas - Dry	11,217	12,340	18,836	11,712	11,246
- Chickpeas	-	-	9	0	0
Beans - Faba	1,439	556	408	824	511
- Soy	1,645	5,520	8,222	10,638	16,792
- Dry	-	5,955	10,523	8,516	5,868
Corn	-	-	454	200	222
Buckwheat	1,645	1,333	894	586	679
Canola	18,706	12,619	10,311	12,477	13,080
Alfalfa	18,601	21,165	20,887	18,035	16,955
Bromegrass	600	822	1,010	915	1,393
Kentucky Bluegrass	80	0	0	0	40
Meadow Fescue	595	472	621	471	630
Sweet Clover - Yellow Blossom	195	35	423	365	460
Timothy	22,865	28,284	23,559	20,162	18,540
Red Clover - Single- and Double-cut	4,301	3,635	1,515	544	638
Birdsfoot Trefoil	5,916	6,965	5,406	2,846	2,268
Mustard (Yellow and Brown)	75	0	4	65	0
Radish	267	0	0	0	0
Lentils	2,073	294	141	145	155
Canary Grass	1,639	2,035	1,465	1,407	310
Hemp	-	-	989	1,536	940
Miscellaneous Grass Crops	11,245	12,735	11,960	14,822	22,492
TOTAL	**321,890**	**308,678**	**318,959**	**279,039**	**276,506**

*. Includes Hard Red, Prairie and Soft White Spring Wheat and Utility Wheat.
SOURCE: Canadian Seed Growers' Association.

TABLE 39: Certified Potato Production, 2004

	2004				2003
	Number of Lots	Total Entered	Passed Inspect'n	Production Graded Stock*	
		hectares		tonnes	
Adora	3	25.500	25.500	714.7	695.6
Chieftan	4	13.800	13.800	386.8	12.3
Ciklamen	1	4.700	4.700	131.7	357.6
Dakota Pearl	3	60.600	60.600	1,698.6	2,022.8
Gold Rush	1	12.400	12.400	347.6	1,375.1
Ivory Crisp	2	21.100	21.100	591.4	1,108.3
Norland	24	175.600	161.600	4,529.5	4,267.5
Penta	3	24.600	24.600	689.5	219.5
Ranger Russet	6	59.850	53.250	1,492.5	846.8
Red Pontiac	3	60.300	60.300	1,690.1	1,341.1
Russet Burbank	43	2,008.378	1,752.678	49,125.6	52,923.1
Russet Norkotah	3	53.010	53.010	1,485.8	616.1
Sangre	5	87.300	87.300	2,446.9	3,461.1
Shepody	19	468.840	245.640	6,885.0	13,802.8
Snowden	1	18.600	18.600	521.3	1,349.4
Umatilla Russet	8	192.580	154.780	4,338.3	3,254.5
Viking	10	104.300	81.300	2,278.7	3,124.4
Yukon Gold	17	163.330	154.430	4,328.5	3,357.8
Other Varieties	20	146.400	146.400	4,103.4	2,667.4
All Varieties – Passed Inspection	**152**		**3,131.988**	**87,786.2**	**94,986.6**
Refused/Revoked	21		465.200		1,825.2
Withdraw	3		104.000		
Total Entered	**176**	**3,701.188**	**3,701.188**		**96,803.3**
	#	**acres**		**tons**	
Adora	3	63.011	63.011	787.6	766.5
Chieftan	4	34.100	34.100	426.3	13.6
Ciklamen	1	11.614	11.614	145.2	394.1
Dakota Pearl	3	149.744	149.744	1,871.8	2,229.1
Gold Rush	1	30.641	30.641	383.0	1,515.4
Ivory Crisp	2	52.139	52.139	651.7	1,221.4
Norland	24	433.912	399.318	4,991.5	4,702.8
Penta	3	60.787	60.787	759.8	241.9
Ranger Russet	6	147.891	131.582	1,644.8	933.2
Red Pontiac	3	149.003	149.003	1,862.5	1,477.8
Russet Burbank	43	4,962.757	4,330.915	54,136.4	58,321.3
Russet Norkotah	3	130.989	130.989	1,637.4	679.0
Sangre	5	215.721	215.721	2,696.5	3,814.1
Shepody	19	1,158.516	606.983	7,587.3	15,210.7
Snowden	1	45.961	45.961	574.5	1,487.1
Umatilla Russet	8	475.870	382.466	4,780.8	3,586.4
Viking	10	257.728	200.895	2,511.2	3,443.1
Yukon Gold	17	403.593	381.601	4,770.0	3,700.3
Other Varieties	20	361.758	361.758	4,522.0	2,939.5
All Varieties – Passed Inspection	**152**		**7,739.228**	**96,740.3**	**104,675.2**
Refused/Revoked	21		1,149.522		2,011.4
Withdraw	3		256.987		
Total Entered	**176**	**7,739.228**	**9,145.736**		**106,677.2**

* In 2003 production was estimated based on average yields of 220 cwt/acre but in 2004 it was based on average yields of 250 cwt/acre.

SOURCE: Canadian Food Inspection Agency

MARKETING OF MAJOR CROPS

TABLE 40: Farm Supply and Disposition of Major Crops, 2004/2005

2004/2005	Durum Wheat	All Wheat	Oats	Barley	All Rye	Flaxseed	Canola	TOTAL
	thousand tonnes							
SUPPLY								
Opening Stocks, Aug 1	5.0	85.0	100.0	200.0	3.0	5.0	45.0	438.0
Production	8.7	3,877.4	903.7	1,367.3	86.4	132.1	1,778.1	8,145.0
TOTAL SUPPLY	**13.7**	**3,962.4**	**1,003.7**	**1,567.3**	**89.4**	**137.1**	**1,823.1**	**8,583.0**
DISPOSITION								
Marketings	10.3	3,267.2	799.4	367.2	65.0	118.1	1,591.1	6,208.0
Seed Requirements	0.7	122.5	25.7	33.6	1.8	7.1	7.5	198.2
Feed, Waste & Dockage	2.7	292.7	58.6	816.5	20.6	11.9	59.5	1,259.8
Carryover, July 31	0.0	280.0	120.0	350.0	2.0	0.0	165.0	917.0
TOTAL DISPOSITION	**13.7**	**3,962.4**	**1,003.7**	**1,567.3**	**89.4**	**137.1**	**1,823.1**	**8,583.0**
	thousand bushels							
SUPPLY								
Opening Stocks, Aug 1	184	3,123	6,484	9,186	118	197	1,984	21,092
Production	320	142,470	58,600	62,800	3,400	5,200	78,400	350,870
TOTAL SUPPLY	**504**	**145,593**	**65,084**	**71,986**	**3,518**	**5,397**	**80,384**	**371,962**
DISPOSITION								
Marketings	380	120,050	51,840	16,860	2,560	4,650	70,150	266,110
Seed Requirements	26	4,500	1,665	1,545	70	280	331	8,391
Feed, Waste & Dockage	98	10,755	3,798	37,506	809	467	2,628	55,963
Carryover, July 31	0	10,288	7,781	16,075	79	0	7,275	41,498
TOTAL DISPOSITION	**504**	**145,593**	**65,084**	**71,986**	**3,518**	**5,397**	**80,384**	**371,962**

Note: May not add due to rounding.
SOURCE: Statistics Canada

TABLE 41: Producer Marketings, Crop Year 2004/2005

	Bread Wheat	Durum Wheat	All Wheat	Oats	Barley	All Rye	Flaxseed	Canola	TOTAL
	thousand tonnes								
2004									
August	61.9	3.3	65.2	83.0	29.6		2.4	27.7	207.9
September	346.4	-1.1	345.3	100.0	37.9		3.2	196.4	682.8
October	312.4	0.5	312.9	98.5	29.6		29.4	202.5	672.9
November	387.8	0.6	388.4	74.9	22.5		36.3	179.8	701.8
December	381.7	0.4	382.1	82.0	30.2		12.8	163.2	670.2
2005									
January	256.9	1.0	257.9	73.5	27.9		7.3	92.9	459.5
February	231.1	1.1	232.2	77.6	33.0		10.1	131.3	484.2
March	338.4	1.0	339.4	81.1	32.0		9.1	151.3	612.8
April	249.7	0.1	249.7	46.9	34.3		2.7	144.0	477.6
May	132.2	0.2	132.4	21.7	22.1		1.6	75.0	252.7
June	260.9	0.6	261.5	32.8	26.9		2.0	129.0	452.1
July	297.4	2.8	300.2	27.6	41.4		1.2	98.1	468.5
TOTAL	**3,256.9**	**10.3**	**3,267.2**	**799.4**	**367.2**	**65.0**	**118.1**	**1,591.1**	**6,208.0**
	thousand bushels								
2004									
August	2,280	110	2,390	5,380	1,360		100	1,220	10,450
September	12,730	-40	12,690	6,480	1,740		130	8,650	29,690
October	11,480	20	11,500	6,390	1,360		1,150	8,920	29,320
November	14,250	20	14,270	4,860	1,030		1,420	7,930	29,510
December	14,030	20	14,040	5,320	1,390		500	7,190	28,440
2005									
January	9,440	40	9,480	4,760	1,280		290	4,100	19,910
February	8,490	40	8,530	5,030	1,510		400	5,790	21,260
March	12,430	40	12,470	5,260	1,470		360	6,670	26,230
April	9,170	0	9,170	3,040	1,570		110	6,350	20,240
May	4,860	10	4,870	1,410	1,010		60	3,310	10,660
June	9,590	20	9,610	2,120	1,240		80	5,690	18,740
July	10,930	100	11,030	1,790	1,900		50	4,330	19,100
TOTAL	**119,670**	**380**	**120,050**	**51,840**	**16,860**	**2,560**	**4,650**	**70,150**	**266,110**

TABLE 42: Grain Storage Capacity, August 1, 2003 – 2004

Kind of Elevator	All Licensed Elevators					
	2003 Capacity			2004 Capacity		
	Number	000 tonnes	000 bushels*	Number	000 tonnes	000 bushels*
Terminal	1	140.0	4,915	1	140.0	4,915
Process Elevators	7	86.1	3,160	8	90.2	3,314
Primary	90	963.1	35,390	78	923.4	33,930
TOTAL – Licensed	**98**	**1,189.2**	**43,465**	**87**	**1,153.6**	**42,159**

* Wheat equivalent.
SOURCE: Canadian Grain Commission.

TABLE 43: Grain Stored in Country Elevators at July 31

Year	Durum Wheat	All Wheat	Oats	Barley	Rye	Flax	Canola	TOTAL
	thousand tonnes							
1987	73.7	701.3	14.9	64.6	17.6	60.4	16.0	874.8
1988	25.5	290.9	13.5	118.4	25.9	40.6	19.1	508.4
1989	16.1	154.8	10.9	182.4	20.0	23.5	43.6	435.2
1990	13.7	264.9	16.7	151.2	20.9	3.9	27.4	485.0
1991	34.0	778.0	20.5	102.9	8.6	22.6	17.4	950.0
1992	17.2	416.7	14.3	102.2	7.5	34.8	44.5	620.0
1993	24.9	679.6	15.1	146.4	6.0	18.7	65.5	931.3
1994	22.4	595.6	12.2	79.7	4.0	11.4	2.7	705.6
1995	17.9	303.2	19.2	54.2	5.0	10.4	12.6	404.6
1996	20.0	330.3	14.7	40.1	2.9	13.0	41.4	442.4
1997	24.7	399.4	33.5	95.4	3.7	4.8	28.4	565.2
1998	15.9	316.0	25.0	56.5	7.9	3.0	13.3	421.7
1999	38.3	403.7	35.5	25.3	15.9	6.4	27.2	514.0
2000	23.8	414.8	32.4	49.4	13.2	13.7	60.3	583.8
2001	17.3	529.9	23.1	21.3	2.6	17.5	50.5	644.9
2002	14.7	308.1	8.7	28.8	1.2	12.6	120.9	480.3
2003	18.4	347.4	23.0	20.5	N.A.	5.5	75.0	471.4
2004	7.0	416.5	23.9	19.1	N.A.	3.5	35.1	498.1
	thousand bushels							
1987	2,708	25,769	966	2,967	693	2,378	705	33,478
1988	937	10,689	875	5,438	1,020	1,598	842	20,462
1989	592	5,688	707	8,377	787	925	1,922	18,407
1990	503	9,733	1,083	6,944	823	154	1,208	19,945
1991	1,249	28,587	1,329	4,726	339	890	767	36,638
1992	632	15,311	927	4,694	295	1,370	1,962	24,560
1993	915	24,971	979	6,724	236	736	2,888	36,535
1994	823	21,885	791	3,661	157	449	119	27,062
1995	658	11,141	1,245	2,489	197	409	556	16,037
1996	735	12,137	953	1,842	114	512	1,825	17,383
1997	908	14,676	2,172	4,382	146	189	1,252	22,816
1998	584	11,611	1,621	2,595	311	118	586	16,843
1999	1,407	14,834	2,302	1,162	626	252	1,199	20,375
2000	875	15,241	2,101	2,269	520	539	2,659	23,329
2001	636	19,471	1,498	978	102	689	2,227	24,965
2002	540	11,321	564	1,323	47	496	5,331	19,082
2003	676	12,765	1,491	942	N.A.	217	3,307	18,721
2004	2527	15,304	1,550	877	N.A.	138	1,548	19,416

SOURCE: Statistics Canada, Canadian Grain Commission.

LIVESTOCK PRODUCTION

CATTLE

Production

In Manitoba, commercial marketings of cattle increased by 21,000 head, from 381,000 in 2003 head to 402,000 head in 2004. However, production in 2004 was lower than 2003 at 442,000 head compared to 581,000 head due to the lower inventory change in 2004. In 2004 cattle inventories grew by 40,000 head from January 1, 2003 to January 1, 2004; in 2003 the inventory change was 200,000 head. The large inventory changes in 2003 and 2004 happened because of poor prices, lack of slaughter capacity and the closure of the US border to live cattle on May 20th 2003 due to BSE. Cattle prices were lower in 2004 with slaughter steers down approximately 21 percent, feeders and calves down approximately 25 percent and cow prices down 43 percent. The estimated average value per animal declined to $638 in 2004 from $869 the year before.

TABLE 44: Cattle Slaughtered in Manitoba by Month, 2004

Month	Cattle	Calves	TOTAL
January	1,824	9	1,833
February	1,770	9	1,779
March	1,719	-	1,719
April	1,859	13	1,872
May	2,472	5	2,477
June	2,252	1	2,253
July	2,786	2	2,788
August	2,247	-	2,247
September	2,150	2	2,152
October	2,689	6	2,695
November	2,049	5	2,054
December	2,423	7	2,430
YEAR	**26,240**	**59**	**26,299**

SOURCE: Manitoba Health, Canadian Food Inspection Agency

Slaughter Cattle

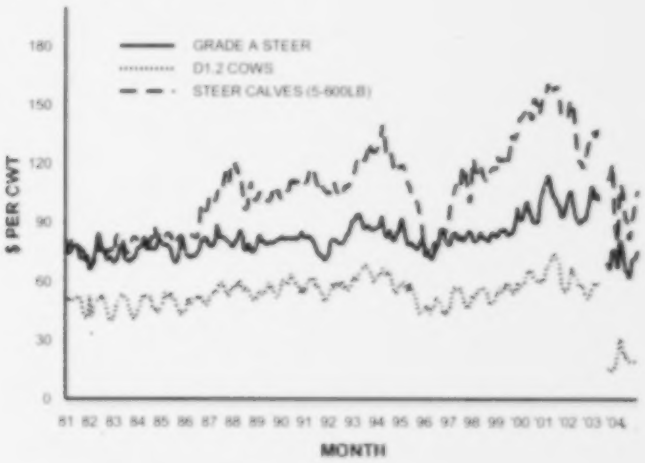
There were 64,400 Manitoba-produced cattle and calves slaughtered in Canada in 2004 compared to 39,300 in 2003. In Manitoba, 26,240 cattle and 59 calves were slaughtered in 2004 compared to 18,831 in 2003.

TABLE 45: Manitoba Cattle Prices by Weight Class, 2003-2004

	Cents per Kilogram Live*		Dollars per 100 Pounds Live*	
	2003	2004	2003	2004
SLAUGHTER CATTLE				
STEERS				
A Grade	198.90	158.16	90.22	71.74
HEIFERS				
A Grade	197.89	157.08	89.76	
COWS				
D1,2	86.55	49.19	39.26	22.31
D3	71.58	32.14	32.47	14.58
BULLS	97.18	45.75	44.08	20.75
FEEDER CATTLE				
STEERS				
+400 kg (+900 lb)	224.21	165.66	101.70	75.14
350-400 kg (801-900 lb)	234.02	175.91	106.15	79.79
300-350 kg (701-800 lb)	245.51	187.57	111.36	85.08
250-300 kg (601-700 lb)	263.50	198.73	119.52	90.14
STEER CALVES				
200-250 kg (501-600 lb)	279.79	209.95	126.91	95.23
150-200 kg (401-500 lb)	294.98	217.29	133.80	98.56
Under 150 kg (under 400 lb)	306.36	224.08	138.96	101.64
HEIFERS				
+350 kg (+800 lb)	221.15	158.80	100.31	72.03
300-350 kg (701-800 lb)	230.38	167.29	104.50	75.88
250-300 kg (601-700 lb)	241.74	176.59	109.65	80.10
200-250 kg (501-600 lb)	254.99	185.98	115.66	84.36
HEIFER CALVES				
150-200 kg (401-500 lb)	271.02	193.46	122.93	87.75
100-150 kg (301-400 lb)	285.41	207.74	129.46	94.23
Under 100 kg (under 308 lb)	-		-	-
FEEDER COWS	-		-	-

* Simple averages.
SOURCE: Canfax, Annual Report.

CHART 9: Cattle Prices by Month, 1981 - 2004



SOURCE: Agriculture and Agri-Food Canada, Canfax.
PREPARED BY: Knowledge Management, Manitoba Agriculture, Food and Rural Initiatives.

Prices

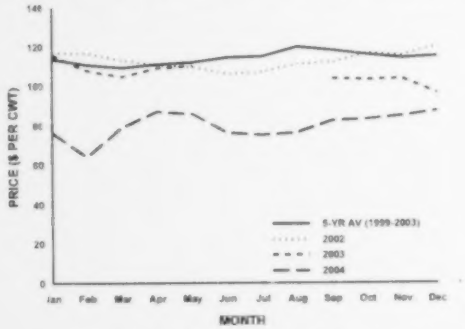
The average price for grade A steers in 2004, at $71.74 decreased by 20 percent from $90.22/cwt in 2003, while that of D1,2 cows was down by 43 percent to $22.31/cwt. The average price for feeder calves, 200-250 kilograms (501-600 pounds) was $95.23/cwt. Thi compares with the average price in 2003 of $126.91/cwt. The average price for feeder steers 350-400 kilograms (801-900 pounds) in 2004 was $79.79/cwt, a drop of 25 percent from 2003.

TABLE 46: Manitoba Cattle Prices by Month - Selected Grades

Month	Grade A Steers			D1,2 Cows		
	5 Yr.	2003	2004	5 Yr.	2003	2004
	cents per kilogram					
January	218.04	240.37	168.65	125.71	125.60	38.54
February	219.94	237.13	147.07	132.69	130.45	52.45
March	222.58	224.87	175.82	136.80	128.97	65.83
April	221.96	231.60	179.13	137.29	132.28	69.42
May	215.13	223.09	164.53	138.66	127.58	50.42
June	207.84	N.A.**	144.18	143.52	N.A.**	51.13
July	202.76	N.A.**	144.60	139.93	N.A.**	45.17
August	201.96	N.A.**	135.65	137.79	N.A.**	42.79
September	191.88	154.61	154.72	113.72	33.91	42.53
October	188.75	144.87	158.05	107.33	35.43	43.74
November	201.52	165.96	157.87	105.11	32.08	42.99
December	211.58	167.64	167.73	107.47	32.78	44.19
YEAR*	**208.40**	**198.90**	**158.17**	**124.47**	**86.56**	**49.18**
Month	dollars per 100 pounds					
January	98.90	109.03	76.50	57.02	56.97	17.48
February	99.76	107.56	66.71	60.19	59.17	23.79
March	100.96	102.00	79.75	62.05	58.50	29.86
April	100.68	105.05	81.25	62.27	60.00	31.49
May	97.58	101.19	74.63	62.90	57.87	22.87
June	94.27	N.A.**	65.40	65.10	N.A.**	23.19
July	91.97	N.A.**.	65.59	63.47	N.A.**	20.49
August	91.61	N.A.**	61.53	62.50	N.A.**	19.41
September	87.04	70.13	70.18	51.58	15.38	19.29
October	85.62	65.71	71.69	48.68	16.07	19.84
November	91.41	75.28	71.61	47.68	14.55	19.50
December	95.97	76.04	76.08	48.75	14.87	20.50
YEAR*	**94.53**	**90.22**	**71.74**	**56.46**	**39.26**	**22.31**

NOTE: 5 Yr. = 1999 – 2003.
* Simple averages. ** No sales through auction markets (BSE).
SOURCE: Canfax.

CHART 10: Seasonal Feeder Steer (800-900 lb) Prices, Manitoba, 2002-2004 vs 5-Year Average



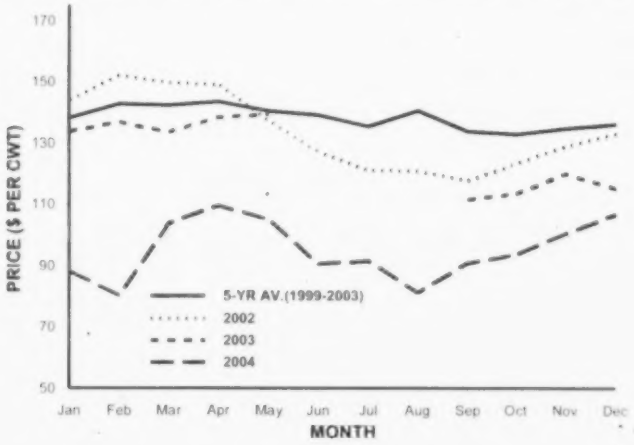
SOURCE: Canfax, Agriculture and Agri-Food Canada
PREPARED BY: Knowledge Management, Manitoba Agriculture, Food and Rural Initiatives

TABLE 46: Cattle Prices Continued

Month	Feeder Steers 350-400 kg (801-900 lb)			Steer Calves 200-250 kg (501-600 lb)		
	5 Yr.	2003	2004	5 Yr.	2003	2004
	cents per kilogram					
January	250.48	255.25	168.63	304.58	295.27	194.18
February	244.47	237.79	140.88	314.74	301.59	176.75
March	240.96	231.07	174.21	314.00	294.41	228.73
April	244.67	240.37	191.76	316.34	305.08	241.41
May	246.98	243.24	189.31	310.10	307.13	231.95
June	252.56	N.A.**	167.66	306.68	N.A.**	202.01
July	253.29	N.A.**	165.46	298.86	N.A.**	201.79
August	264.04	N.A.**	168.15	310.11	N.A.**	178.80
September	260.31	228.82	181.49	295.36	246.41	200.14
October	255.49	227.94	183.18	293.29	250.07	206.44
November	251.89	229.04	187.06	297.11	264.62	221.52
December	253.73	212.75	193.19	300.08	253.55	235.63
YEAR*	**250.45**	**234.02**	**175.91**	**303.83**	**279.79**	**209.95**
Month	dollars per 100 pounds					
January	113.62	115.78	76.49	138.16	133.93	88.08
February	110.89	107.86	63.90	142.76	136.80	80.17
March	109.30	104.81	79.02	142.43	133.54	103.75
April	110.98	109.03	86.98	143.49	138.38	109.50
May	112.03	110.33	85.87	140.66	139.31	105.21
June	114.56	N.A.**	76.05	139.11	N.A.**	91.63
July	114.89	N.A.**	75.05	135.56	N.A.**	91.53
August	119.77	N.A.**	76.27	140.66	N.A.**	81.10
September	118.07	103.79	82.32	133.97	111.77	90.78
October	115.89	103.39	83.09	133.03	113.43	93.64
November	114.25	103.89	84.85	134.76	120.03	100.48
December	115.09	96.50	87.63	136.11	115.01	106.88
YEAR*	**113.60**	**106.15**	**79.79**	**137.82**	**126.91**	**95.23**

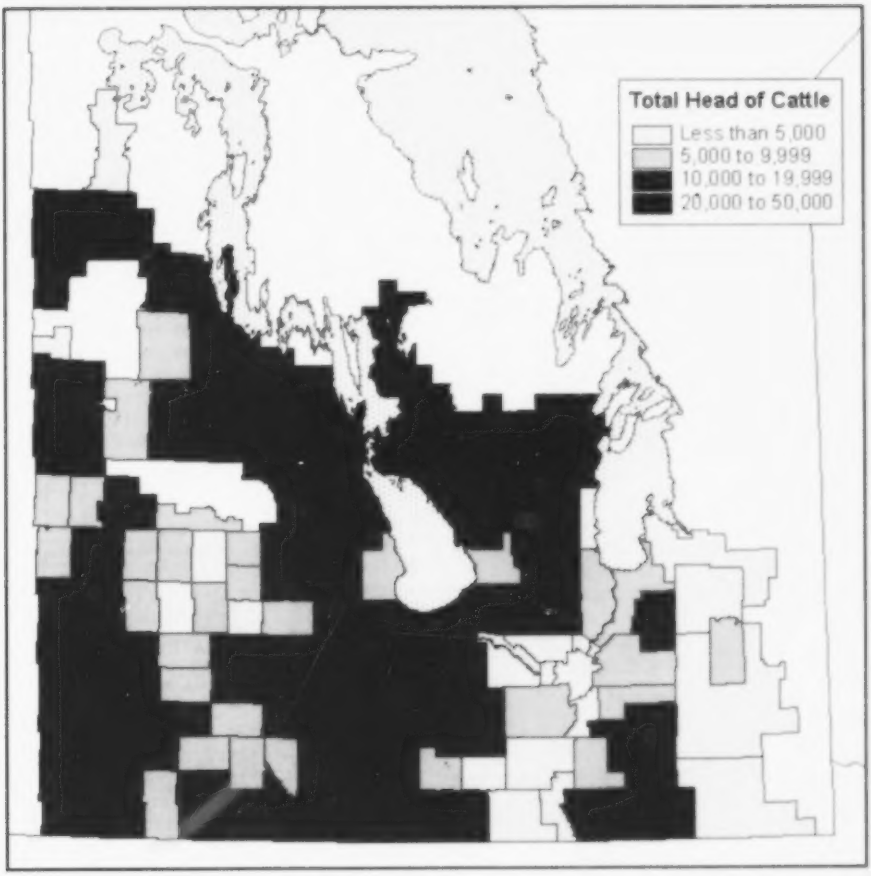
NOTE: 5 Yr. = 1999 – 2003.
* Simple averages ** No sales through auction markets (BSE)
SOURCE: Canfax

CHART 11: Seasonal Steer Calf (500-600 lb) Prices, Manitoba, 2002-2004 vs 5-Year Average



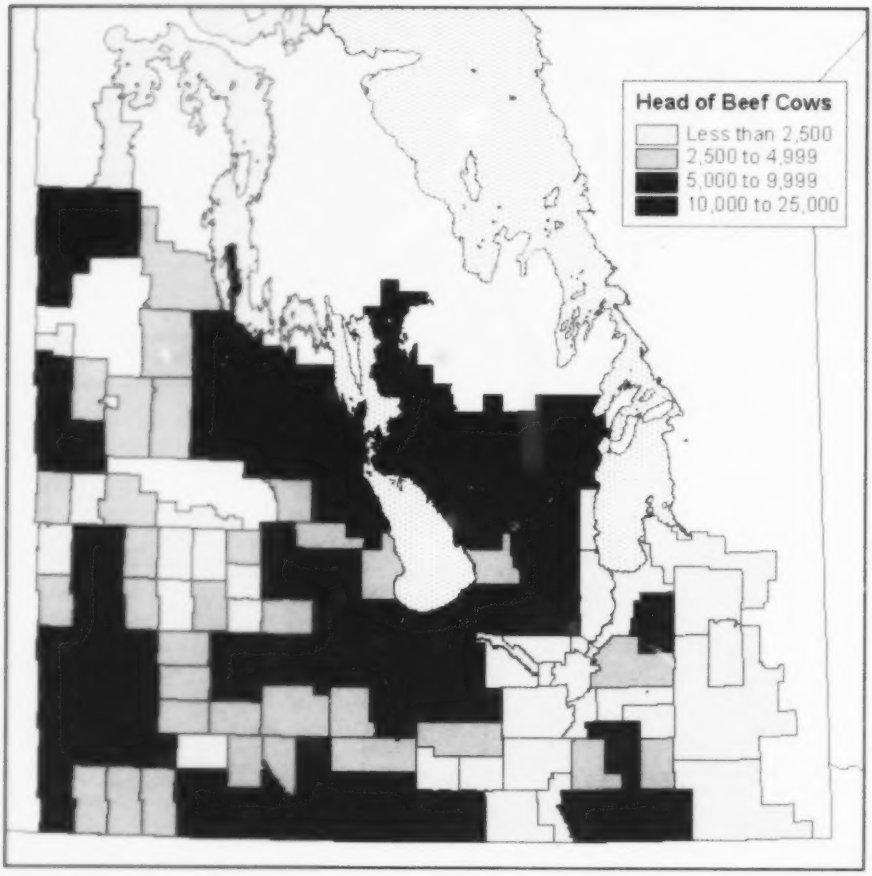
SOURCE: Canfax, Agriculture and Agri-Food Canada
PREPARED BY: Knowledge Management, Manitoba Agriculture, Food and Rural Initiatives

MAP 9: Total Cattle by Rural Municipality, 2001 Census



SOURCE: Statistics Canada, Census of Agriculture, 2001

MAP 10: Total Beef Cows by Rural Municipality, 2001 Census



SOURCE: Statistics Canada, Census of Agriculture, 2001.

Inventory

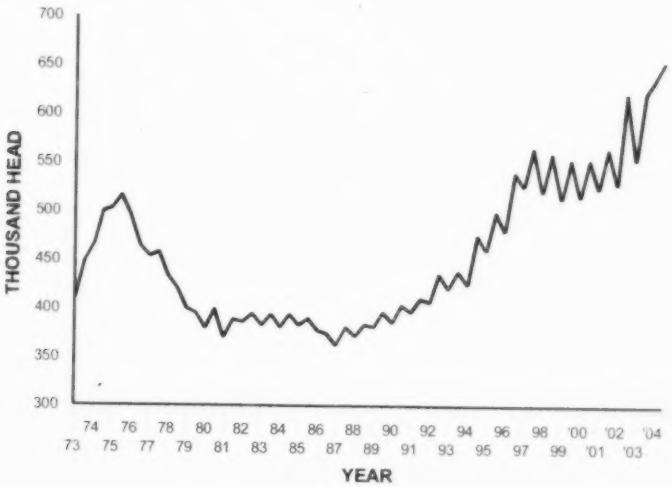
According to Statistics Canada, there were 1,750,000 head of cattle and calves on 11,000 Manitoba farms on July 1, 2004. The number of beef cows was 655,000 head, steers 160,000, calves 630,000, beef heifers for slaughter and replacement were 112,000 and 96,000 head respectively in 2004.

TABLE 47: Cattle Numbers on Farms, July 1, 2004

Agricultural Region	Bulls	Beef Cows	Milk Cows	Heifers for Dairy Herd Replacement	Heifers for Beef Herd Replacement	Beef Heifers for Slaughter or Feeding	Steers One Year & Over	Calves Under One Year	TOTAL CATTLE & CALVES
1	3,025	62,610	1,580	658	8,640	13,874	13,122	62,800	**166,309**
2	3,855	80,929	940	394	13,872	9,178	27,977	78,820	**215,965**
3	3,109	65,342	1,943	1,222	8,830	9,491	18,188	60,715	**168,840**
4	1,745	40,398	3	0	6,038	4,122	5,557	38,398	**96,261**
5	1,149	22,804	202	55	2,364	1,142	1,529	22,287	**51,532**
6	4,253	88,781	459	292	10,670	11,401	13,793	80,734	**210,383**
7	3,506	68,026	4,914	2,933	9,207	13,796	15,481	66,700	**184,563**
8	3,146	57,347	6,643	4,060	8,728	12,531	17,155	56,857	**166,467**
9	1,834	24,625	15,842	10,000	4,470	6,042	15,185	32,506	**110,504**
10	804	15,017	4,408	1,314	3,070	1,232	2,693	14,586	**43,124**
11	1,599	28,047	2,888	1,495	4,201	5,864	7,443	24,020	**75,557**
12	4,975	101,074	1,178	577	15,910	23,327	21,877	91,577	**260,495**
PROV	**33,000**	**655,000**	**41,000**	**23,000**	**96,000**	**112,000**	**160,000**	**630,000**	**1,750,000**

SOURCE: Statistics Canada

CHART 12: Beef Cows on Farms, 1973 – 2004



SOURCE: Statistics Canada
PREPARED BY: Knowledge Management, Manitoba Agriculture, Food and Rural Initiatives

PIGS

Production

In 2004, Manitoba farmers produced close to eight million pigs, an increase of 10.2 percent from 2003. Value of production increased 17 percent to $941 million in 2004. The value per animal was $117 in 2004 compared to $109 in 2003.

Total Marketings

Manitoba producers marketed over 3.5 million hogs for slaughter by Canadian plants in 2004, the same number as in 2003. Almost all of these Manitoba slaughter hogs were killed in the province. According to Statistics Canada, 3.29 million weanlings and 1.25 million slaughter hogs and breeding gilts were exported to the United States and Mexico in 2004.

TABLE 48: Hogs Slaughtered in Manitoba by Month, 1998-2004

Month	1998*	1999*	2000*	2001*	2002*	2003*	2004*
January	267,761	235,902	285,512	329,290	329,306	362,609	342,880
February	212,324	228,210	294,967	320,467	326,146	378,554	332,227
March	220,286	269,227	397,480	402,422	394,092	464,904	413,581
April	271,580	224,192	288,147	319,672	340,679	361,038	320,285
May	210,526	214,483	287,987	306,383	307,629	352,169	308,782
June	207,858	274,197	362,550	398,096	419,921	412,470	399,555
July	247,406	234,335	308,123	305,305	334,998	285,671	320,506
August	205,644	229,283	270,773	313,702	352,714	289,622	326,561
September	221,948	309,679	370,965	400,700	450,652	372,916	425,165
October	276,476	278,840	328,642	338,423	364,150	247,278	336,989
November	225,570	267,394	343,603	328,525	377,046	343,921	347,174
December	253,461	307,292	385,131	384,563	423,964	391,367	481,637
YEAR	**2,820,840**	**3,073,034**	**3,923,880**	**4,147,548**	**4,421,297**	**4,262,519**	**4,355,342**

* Includes hogs from other provinces.
SOURCE: Agriculture and Agri-Food Canada, Manitoba Health, CFIA

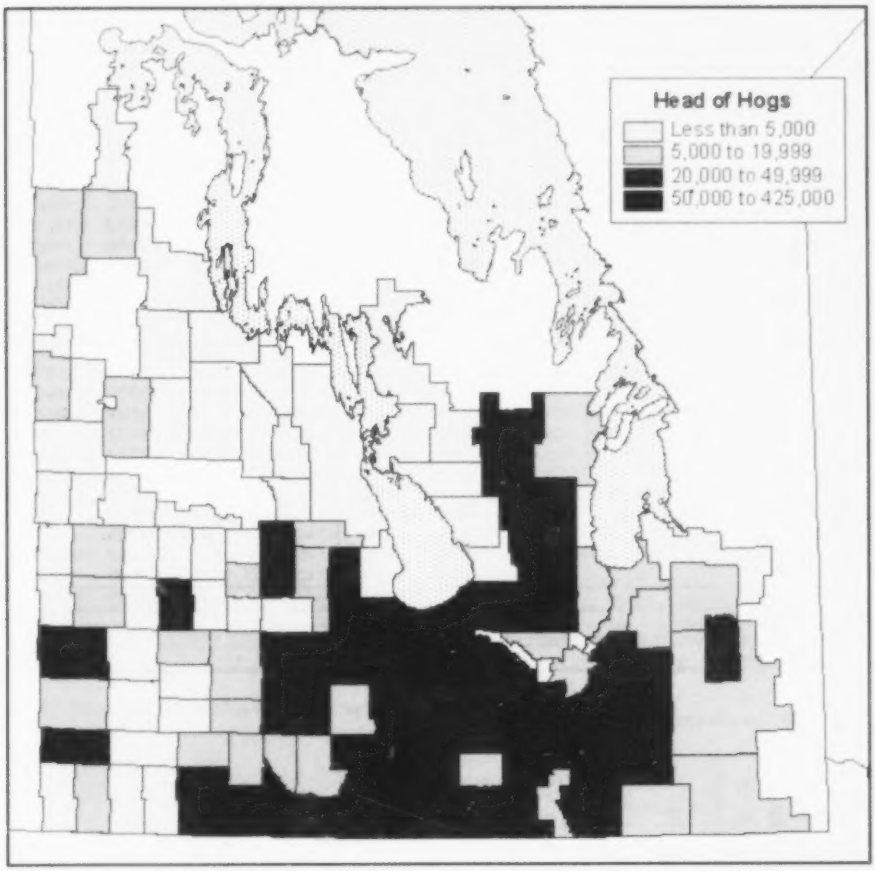
Slaughter

Manitoba packers slaughtered 4.36 million hogs in 2004, an increase of 2.3 percent from 2003. More than 4.22 million hogs were killed in federally-inspected plants, while 134,000 hogs were slaughtered in provincially-inspected establishments. Of the total hogs killed in Manitoba plants, about 600,000 head came from Alberta and Saskatchewan.

Prices

The average annual price of Index 100 hogs (including all premiums and bonuses) in 2004 was $166/100 kg ($75.51 per hundredweight), up by 16 percent from 2003. The highest monthly average price received for Index 100 hogs (including all premiums and bonuses) in Manitoba was $195/100 kg ($88.31 per hundredweight) in May.

MAP 11: Total Pigs by Rural Municipality, 2001 Census



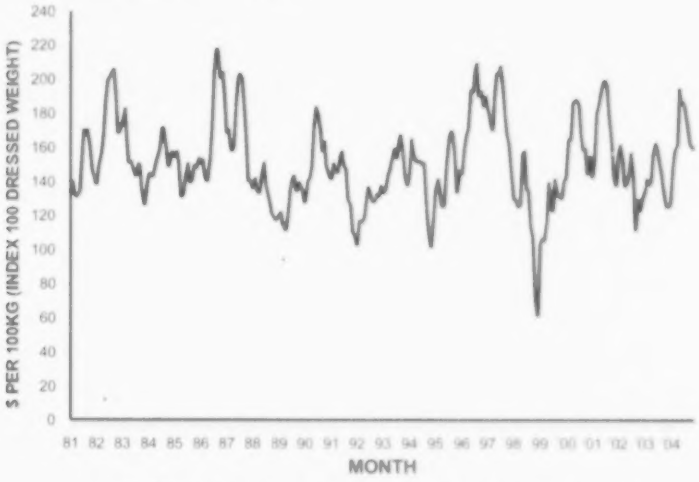
SOURCE: Statistics Canada, Census of Agriculture, 2001

TABLE 49: Monthly Weighted Average Hog Prices, 2002 – 2004

Month	Index 100				No. 1 Sows			
	5 Yr.	2002*	2003*	2004*	5-Yr.	2002	2003	2004
	dollars per 100 kilograms							
January	135.26	155	134.10	128.04	93.09	105.07	74.70	86.00
February	145.52	162	141.90	148.19	101.21	113.60	81.74	117.00
March	148.11	153	138.33	158.39	110.58	115.95	85.33	132.00
April	153.05	137	139.57	160.60	115.10	96.01	88.68	136.00
May	163.11	139	155.56	194.70	120.37	84.89	98.17	158.00
June	164.98	145	162.82	186.28	118.34	76.76	104.00	162.00
July	164.32	157	159.14	186.73	109.53	72.68	112.18	171.00
August	159.86	142	151.90	181.67	113.74	71.45	113.58	160.00
September	145.13	111	145.29	171.27	99.91	44.72	102.70	138.00
October	144.05	130	135.86	162.50	103.58	69.94	99.86	134.00
November	132.86	122	125.55	160.11	92.84	70.06	90.39	139.00
December	137.23	129	125.08	159.20	94.53	76.49	84.21	134.00
YEAR	**149.46**	**140**	**142.93**	**166.47**	**106.07**	**83.14**	**94.63**	**138.92**
	dollars per 100 pounds							
January	61.35	70.44	60.83	58.08	42.23	47.66	33.88	39.01
February	66.00	73.36	64.36	67.22	45.91	51.53	37.08	53.07
March	67.18	69.57	62.75	71.84	50.16	52.59	38.70	59.87
April	69.42	62.36	63.31	72.85	52.21	43.55	40.22	61.69
May	73.99	63.11	70.56	88.31	54.60	38.51	44.53	71.67
June	74.83	65.66	73.85	84.49	53.68	34.82	47.17	73.48
July	74.53	71.15	72.18	84.70	49.68	32.97	50.88	77.56
August	72.51	64.54	68.90	82.40	51.59	32.41	51.52	72.57
September	65.83	50.41	65.90	77.69	45.32	20.28	46.58	62.60
October	65.34	58.89	61.62	73.71	46.98	31.72	45.30	60.78
November	60.26	55.12	56.95	72.62	42.11	31.78	41.00	63.05
December	62.25	58.53	56.74	72.21	42.88	34.70	38.20	60.78
YEAR	**67.79**	**63.60**	**64.83**	**75.51**	**48.11**	**37.71**	**42.92**	**63.01**

Note: 5 Yr. = 1999 – 2003.
* Price includes all premiums and bonuses.
SOURCE: Manitoba Agriculture, Food and Rural Initiatives.

CHART 13: Hog Prices by Month, 1981 – 2004



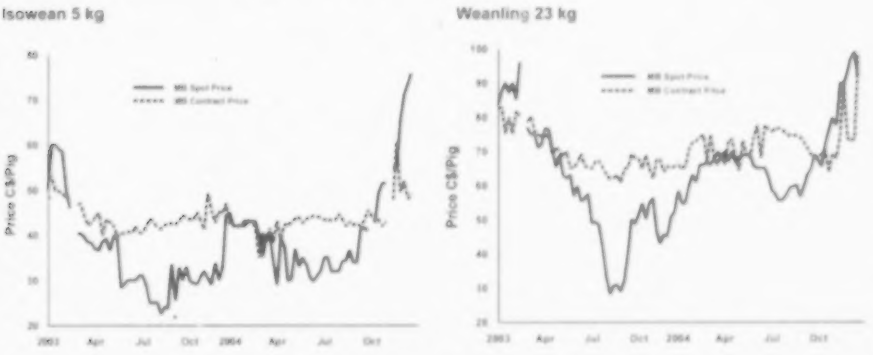
SOURCE: Manitoba Pork, est. Manitoba Agriculture, Food and Rural Initiatives
PREPARED BY: Knowledge Management, Manitoba Agriculture, Food and Rural Initiatives

TABLE 50: Weanling Pig Prices, Monthly Ranges, 2003 – 2004

	5 kg			23 kg		
	Spot Price	Contract Price	US National Direct Delivered	Spot Price	Contract Price	US National Direct Delivered
	Canadian dollars per head					
2003						
January	35.50 - 60.00	36.12 - 52.89	39.83 - 74.80	60.00 - 90.00	49.28 - 82.66	76.50 - 94.98
February	33.00 - 50.14	36.95 - 48.24	23.90 - 50.97	64.00 - 96.00	50.68 - 81.78	70.86 - 88.12
March	33.00 - 40.32	37.00 - 46.93	19.12 - 49.28	50.00 - 75.00	49.00 - 80.00	63.31 - 77.96
April	27.00 - 39.18	35.99 - 44.83	19.19 - 49.45	51.60 - 76.76	51.78 - 74.69	58.77 - 79.81
May	22.19 - 39.93	36.00 - 42.03	26.99 - 44.12	50.00 - 63.04	51.77 - 69.80	56.68 - 70.17
June	25.00 - 31.00	36.00 - 41.96	31.22 - 44.03	45.00 - 59.73	52.70 - 69.16	49.68 - 66.71
July	19.00 - 31.00	35.24 - 43.63	16.79 - 46.87	22.00 - 49.27	52.70 - 67.20	39.19 - 72.51
August	21.00 - 33.65	34.08 - 42.70	16.83 - 44.28	22.00 - 30.85	52.32 - 63.04	26.71 - 60.45
September	22.00 - 33.00	33.49 - 44.45	16.57 - 45.58	28.00 - 50.00	52.00 - 68.99	38.93 - 64.20
October	24.00 - 32.09	32.75 - 45.10	24.01 - 46.68	38.00 - 56.32	39.58 - 68.79	46.68 - 67.53
November	22.00 - 33.89	30.62 - 49.26	28.70 - 46.21	34.41 - 46.60	46.68 - 64.00	46.27 - 63.87
December	24.00 - 45.00	29.13 - 47.00	32.49 - 45.78	40.00 - 58.50	39.71 - 65.84	48.09 - 65.28
YEAR	19.00 – 60.00	29.13 – 52.89	16.57 – 74.80	22.00 – 96.00	39.58 – 82.66	26.71 – 94.98
2004						
January	30.00 - 42.00	29.10 - 43.11	32.17 - 48.24	43.18 - 63.00	44.80 - 72.71	51.05 - 68.73
February	31.65 - 43.00	34.88 - 43.27	33.61 - 46.46	56.00 - 66.85	49.23 - 74.59	59.31 - 68.47
March	23.00 - 40.23	28.00 - 43.22	23.59 - 49.19	52.50 - 70.00	55.95 - 74.78	60.28 - 80.32
April	25.00 - 39.39	30.00 - 42.85	27.57 - 44.64	60.00 - 69.89	59.42 - 73.53	64.95 - 74.84
May	25.00 - 37.00	30.00 - 44.04	34.32 - 47.62	43.73 - 69.00	60.00 - 74.21	65.23 - 76.74
June	25.00 - 35.00	30.00 - 44.28	23.41 - 47.52	45.00 - 65.00	54.00 - 77.49	61.66 - 74.48
July	25.00 - 35.00	30.00 - 44.66	30.35 - 46.00	42.00 - 57.50	52.00 - 76.64	53.22 - 71.39
August	25.00 - 36.60	32.81 - 43.56	32.60 - 46.08	49.50 - 60.00	55.00 - 74.59	44.51 - 70.42
September	28.00 - 41.56	34.00 - 45.54	31.29 - 50.52	46.00 - 69.00	55.00 - 72.67	56.77 - 72.73
October	37.78 - 51.48	38.63 - 43.51	38.79 - 47.55	56.00 - 65.50	54.00 - 70.21	60.65 - 73.54
November	43.62 - 65.45	36.96 - 60.69	37.56 - 50.92	61.00 - 92.82	56.74 - 89.25	62.00 - 75.13
December	50.00 - 75.83	37.32 - 52.00	37.95 - 75.75	62.00 - 99.00	57.30 - 73.00	68.20 - 100.95
YEAR	23.00 – 75.83	28.00 – 60.69	23.41 – 75.75	42.00 – 99.00	44.80 – 89.25	44.51 – 100.95

SOURCE: Manitoba Agriculture, Food and Rural Initiatives

CHART 14: Top Bid Weanling Pig Prices, by Month, 2003 – 2004



SOURCE: Manitoba Agriculture, Food and Rural Initiatives.
PREPARED BY: Knowledge Management, Manitoba Agriculture, Food and Rural Initiatives.

Inventory

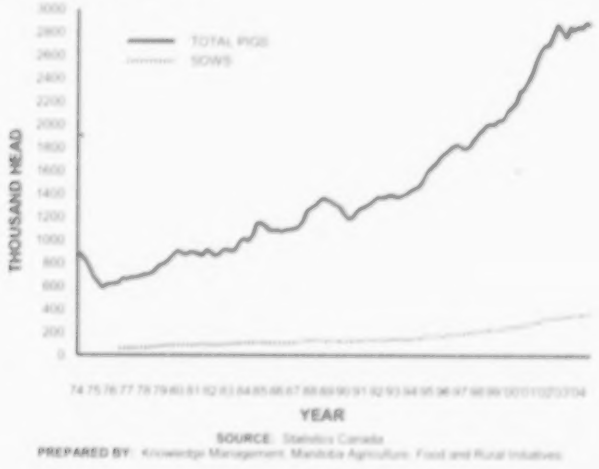
According to Statistics Canada, the total number of pigs on Manitoba farms on July 1, 2004 was 2,890,000 head. Market hogs totalled 2,521,700. There were 362,000 sows and bred gilts and 6,300 boars.

TABLE 51: Estimated Pig Numbers on Farms, July 1, 2004

Agricultural Region	Boars	Sows & Bred Gilts	Market Pigs				TOTAL
			Under 20 kg	20 - 60 kg	Over 60 kg	Total	
1	295	25,900	60,664	63,899	64,340	188,903	**215,098**
2	665	16,462	44,482	52,251	36,394	133,127	**150,254**
3	263	23,299	42,630	18,629	19,091	80,350	**103,912**
4	30	483	1,209	3,883	1,725	6,817	**7,330**
5	97	3,488	12,299	10,166	2,642	25,107	**28,692**
6	35	462	2,071	9,907	8,629	20,607	**21,104**
7	729	52,697	140,940	116,592	119,276	376,808	**430,234**
8	1,153	58,370	117,266	132,344	147,468	397,078	**456,601**
9	1,894	144,499	428,737	290,919	232,854	952,510	**1,098,903**
10	283	7,253	34,684	19,556	32,725	86,965	**94,501**
11	347	13,336	47,337	41,279	34,206	122,822	**136,505**
12	509	15,751	44,681	42,775	43,150	130,606	**146,866**
Province	6,300	362,000	977,000	802,200	742,500	2,521,700	**2,890,000**

SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives.

CHART 15: Pigs on Farms, 1974 – 2005



SOURCE: Statistics Canada
PREPARED BY: Knowledge Management, Manitoba Agriculture, Food and Rural Initiatives

SHEEP AND LAMBS

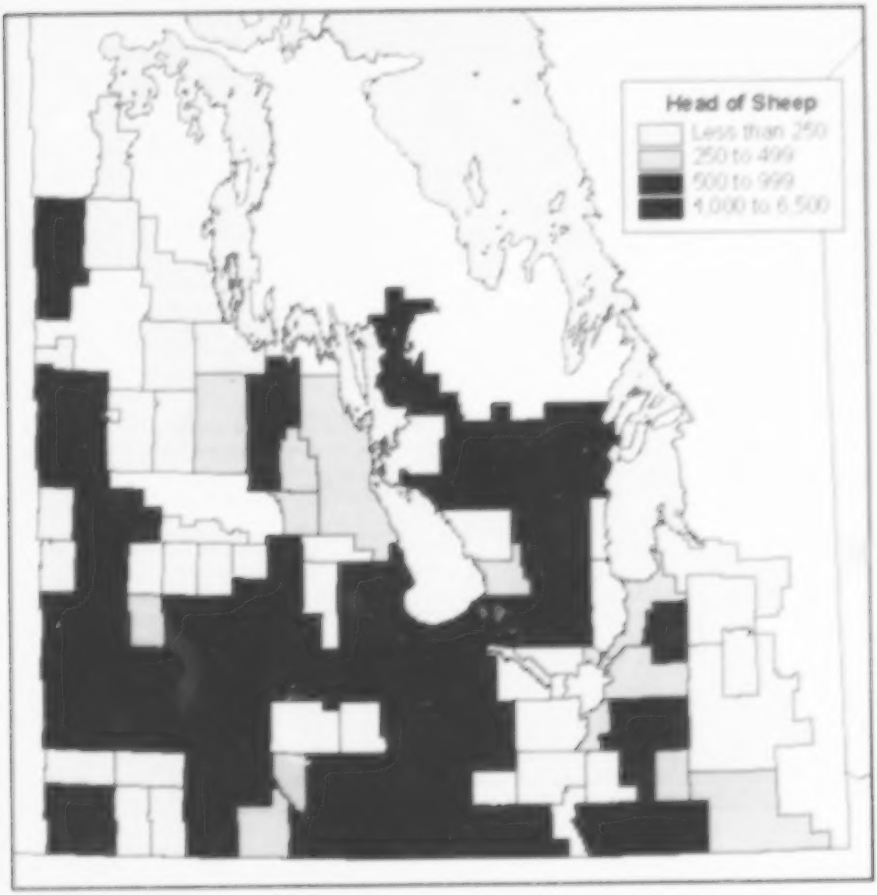
Inventory

According to Statistics Canada, the total number of sheep and lambs on Manitoba farms on July 1, 2004 was 82,000 head, of which 36,300 were ewes, 2,000 were rams and 43,700 were lambs. The sheep and lamb inventory on January 1, 2005 was estimated at 70,000 head.

Slaughter and Exports

There were 3,430 sheep and lambs slaughtered in provincially-inspected packing plants in Manitoba in 2004 compared with 2,849 in 2003. Over 14,900 sheep and lambs were exported to the U.S. and Mexico in 2003 compared to over 37,000 in 2002. There were no international exports of sheep in 2004 due to BSE.

MAP 12: Total Sheep by Rural Municipality, 2001 Census



SOURCE: Statistics Canada, Census of Agriculture, 2001

TABLE 52: Estimated Sheep Numbers on Farms, July 1, 2004

Agricultural Region	Rams	Ewes	Lambs < 1 Year - For Breeding	Lambs < 1 Year - For Market	Total Sheep and Lambs
1	175	3,969	502	4,294	8,940
2	394	6,450	1,220	12,154	20,218
3	207	5,049	1,113	5,092	11,461
4	190	2,305	324	1,317	4,136
5	32	554	99	471	1,156
6	110	1,671	226	1,151	3,158
7	259	4,768	674	3,441	9,142
8	239	4,872	897	3,566	9,574
9	189	2,330	749	2,869	6,137
10	32	705	163	283	1,183
11	47	1,329	44	386	1,806
12	126	2,298	189	2,476	5,089
TOTAL	**2,000**	**36,300**	**6,200**	**37,500**	**82,000**

SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives.

TABLE 53: Provincially-Inspected Sheep and Lamb Slaughter, 2001-2004

Month	2001		2002		2003		2004	
	Lambs	Sheep	Lambs	Sheep	Lambs	Sheep	Lambs	Sheep
January	91	19	137	15	170	5	151	114
February	87	8	160	2	148	42	215	89
March	115	3	150	34	197	13	132	81
April	107	86	129	3	159	27	161	133
May	125	15	135	20	139	9	184	18
June	119	7	206	14	73	27	133	45
July	96	49	134	4	90	17	169	26
August	233	27	289	39	150	12	135	23
September	185	10	115	85	302	19	264	15
October	360	16	254	44	328	53	332	108
November	305	16	403	54	409	115	359	67
December	283	25	261	30	238	107	316	160
YEAR	**2,106**	**281**	**2,373**	**344**	**2,403**	**446**	**2,551**	**879**

SOURCE: CFIA, Manitoba Health.

Prices

In 2004, the average price for A and B lambs, 43-49 kilograms (95-109 pounds), was $1.62 per kilogram ($73.67 per hundredweight), a decrease of 24 percent from a year earlier. Sheep prices averaged $0.82 per kilogram ($37 per hundredweight) for 2004, up by 6 percent from 2003.

Wool Production

The total value of shorn wool sold or used on farms in 2004 was estimated at $71,000, very similar to last year. Total production including wool used on farms, but excluding wool destroyed or stored, was estimated at 164,000 kilograms (362,000 pounds) in 2004, up from 114,000 kilograms (251,000 pounds) in 2003.

DAIRY

Milk Cows

According to Statistics Canada there were 41,000 milk cows on Manitoba farms on July 1, 2004. Dairy replacement heifers older than one year on farms were estimated at 23,000 head.

Total Milk Supply

Total milk and cream production in the 2004-2005 dairy year (August 1, 2004 to July 31, 2005) was 298.5 million litres for milk sold within the supply management (quota) system; down by 0.31 percent from the 2003-2004 level of 299.5 million litres. The 2004 producer price for class 1 milk was adjusted to $74.71 per hectolitre on December 1, 2004 from $76.24 per hectolitre, the price set in July 2004, up by $1.32 per hectolitre from the price received in February 2003. Farm sales of milk and farm-separated cream in calendar-year 2004 amounted to 300.9 million litres, an increase of 3.8 percent from 2003. Cash receipts for all milk sold off the farm totalled $178.8 million, up by 2.5 percent from the 2003 value of $174.4 million. Supplementary payments were eliminated in 2003. The volume of milk sold for fluid purposes was 114.6 million litres in 2004, an increase of 2.5 percent from 2003. This represented 38.1 percent of all sales in 2004. By comparison, the volume of milk and cream sold off the farm for industrial use amounted to 186.2 million litres in 2004, representing 61.9 percent of total sales.

TABLE 54: Volume of Milk and Cream Sold Off Farm, 1994-2004

	Sold for Fluid Uses	Sold for Industrial Uses		Total Volume of Sales
		Delivered as Milk	Delivered as Cream	
	kilolitres			
1994	112,988	163,059	5,158	281,205
1995	114,089	164,257	2,493	280,839
1996	115,636	157,399	1,352	274,387
1997	110,368	169,518	1,068	280,954
1998	105,924	179,172	663	285,759
1999	109,928	178,125	406	288,459
2000	112,394	180,981	466	293,841
2001	112,058	177,004	456	289,518
2002	110,773	175,161	335	286,269
2003	111,838	177,579	427	289,844
2004	114,646	185,839	408	300,893

SOURCE: Statistics Canada, Cat. No. 23-001-XIB.

TABLE 55: Cash Receipts from Milk and Cream Sold Off Farm, 1994-2004

	Sold for Fluid Uses	Sold for Industrial Uses		Total Farm Sales	Supplementary Payments	Total Cash Receipts
		Delivered as Milk	Delivered as Cream			
	thousands of dollars					
1994	57,745	68,477	919	127,141	8,442	135,583
1995	58,532	69,732	456	128,720	7,919	136,639
1996	132,141		245	132,386	6,537	138,923
1997	140,240		190	140,430	4,528	144,958
1998	145,821		124	145,945	3,965	149,910
1999	152,211		77	152,288	3,137	155,425
2000	153,941		88	154,029	2,167	156,196
2001	157,913		86	157,999	1,276	159,275
2002	163,862		62	163,924	258	164,182
2003	174,341		81	174,422	0	174,422
2004	178,707		78	178,785	0	178,785

SOURCE: Statistics Canada, Cat. No. 23-001XPB, Cat. No. 21-001-XIB.

Milk & Cream Sales by Dairies

Of the 94.3 million litres of fluid milk sold by Manitoba dairies in 2004, 12.1 percent was standard (homogenized) milk, 42.6 percent was 2%, 30.6 percent was 1% and 14.7 percent was skim milk. Almost 4.4 million litres of cereal and whipping cream were sold in 2004.

Cheese Production

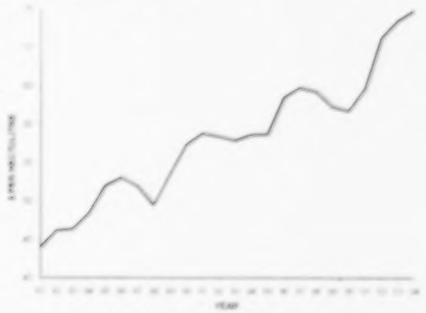
Cheddar cheese production in 2004 was 6,626 tonnes, a decrease of 12.1 percent from the revised 7,537 tonnes in 2003. Variety cheese production amounted to 8,456 tonnes in 2004, an increase of 23.1 percent from the revised 6,871 tonnes in 2003.

TABLE 56: Dairy Factory Production by Month, 2004

Month	Fluid Milk				Cereal Cream	Whipping Cream	Cheddar Cheese	Variety Cheese
	Standard	2%	1%	Skim				
	kilolitres						tonnes	
January	986	3,591	2,480	1,195	247	79	792	474
February	903	3,303	2,256	1,084	235	82	788	421
March	971	3,498	2,448	1,174	192	89	607	811
April	936	3,433	2,396	1,169	250	101	583	919
May	950	3,418	2,397	1,169	263	106	502	779
June	918	3,281	2,300	1,121	259	110	450	859
July	923	3,283	2,257	1,089	248	115	630	865
August	921	3,278	2,288	1,081	314	120	769	501
September	969	3,548	2,525	1,191	208	95	692	583
October	1,003	2,585	2,568	1,248	217	124	586	648
November	940	3,451	2,455	1,177	341	100	107	871
December	973	3,489	2,462	1,170	352	152	120	725
YEAR	11,393	40,158	28,852	13,868	3,126	1,273	6,626	8,456

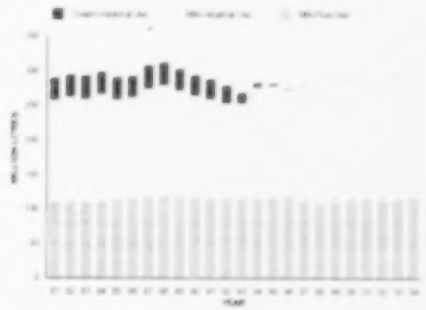
SOURCE: Statistics Canada, Cat. No. 23-001-XIB

CHART 16: Producer Price for Class 1 Milk, 1981 – 2004



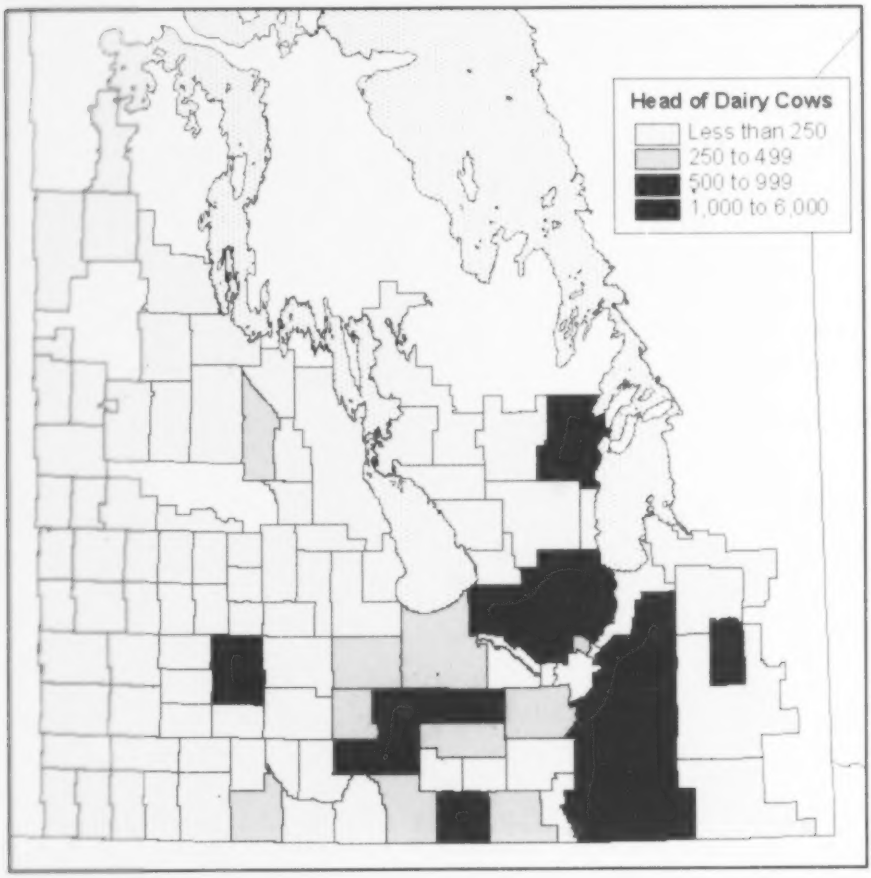
SOURCE: Manitoba Milk Producers
PREPARED BY: Knowledge Management, Manitoba Agriculture, Food and Rural Initiatives

CHART 17: Farm Sales of Milk and Cream, 1981 – 2004



SOURCE: Statistics Canada
PREPARED BY: Knowledge Management, Manitoba Agriculture, Food and Rural Initiatives

MAP 13: Total Milk Cows by Rural Municipality, 2001 Census



SOURCE: Statistics Canada, Census of Agriculture, 2001.

POULTRY

Production

The production value of poultry meat and eggs increased by 1.9 percent to an estimated $189.2 million in 2004, from the revised 2003 value of $185.7 million. The number of eggs sold for the regular commercial markets was down from 2003 at 53.8 million dozen. There were an additional 15.2 million dozen eggs produced under Special Market Development quota and Eggs for Processing quota. The value of eggs for consumption decreased by 1.4 percent to $84.9 million, mainly due to lower prices for eggs. The value of chicken and turkey hatching eggs declined by less than 1 percent as lower prices were offset by higher production. The value of broiler chicken meat increased by 5.6 percent to $67.1 million as a result of higher production and increased prices. The value of turkey meat increased by 1.5 percent, to $19.4 million in 2004 from the revised value of $19.1 million in 2003.

TABLE 57: Summary of Poultry Production, 2003, 2004

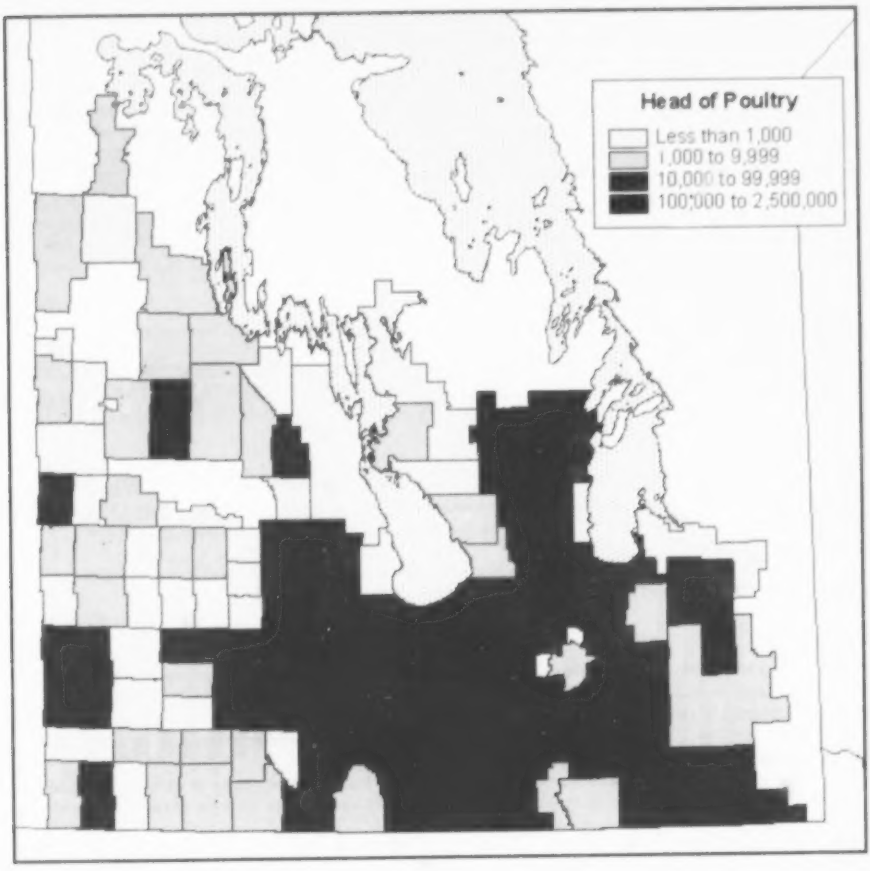
EGGS	2003[R]			2004[P]		
	Dozen 000	Price* $/doz	Value $000	Dozen 000	Price* $/doz	Value $000
Sold for regular commercial markets	54,271	1.41	76,522	53,834	1.43	76,795
Eggs for processing/special market development	16,573	0.58	9,612	15,196	0.53	8,072
	70,844		**86,134**	**69,030**		**84,867**
Hatching (chickens)	2,409	3.75	9,034	2,555	3.70	9,443
Hatching (turkeys)	645	10.80	6,966	692	10.80	7,474
TOTAL EGG VALUE	**73,898**		**102,134**	**72,277**		**101,784**
MEAT	**Birds 000**	**Price* $ ea**	**Value $000**	**Birds 000**	**Price* $ ea**	**Value $000**
Broiler Chicken**:						
Broilers (under 1.2 kg live)	NA	NA	NA	NA	NA	NA
Broilers (1.2-2.6 kg live)	27,292	2.34	62,879	28,255	2.35	66,399
Roasters (over 2.6 kg live)	75	4.00	300	75	4.60	345
Used on Farms	200	2.00	400	200	2.00	400
	27,567		**63,579**	**28,530**		**67,144**
Turkey:						
Broilers	212	8.44	1,789	235	9.16	2,155
Hens	683	11.18	7,636	578	11.67	6,750
Toms	510	18.93	9,654	561	18.65	10,469
	1,405		**19,079**	**1,374**		**19,374**
Geese	59	14.40	850	59	14.40	850
Ducks	11	4.50	50	11	4.50	50
TOTAL MEAT VALUE	**29,042**		**83,558**	**29,974**		**87,419**
TOTAL POULTRY PRODUCTION			**185,692**			**189,203**

* Includes levies.
** Includes unregistered production.
SOURCE: Statistics Canada, Census of Agriculture 2001, Manitoba Agriculture, Food and Rural Initiatives, Manitoba Chicken Producers, Manitoba Egg Producers, Manitoba Turkey Producers.

Inventory

The 2001 Census of Agriculture indicated 1,628 producers had 7.9 million hens and chickens on farms on May 15, 2001, 198 farms had 694,200 turkeys and 172 farms had 11,740 ducks, while 138 farms had 59,620 geese. Manitoba poultry farms, including 164 registered egg production operations, 66 registered turkey operations and 123 registered broiler chicken farms.

MAP 14: Total Poultry by Rural Municipality, 2001 Census



SOURCE: Statistics Canada, Census of Agriculture, 2001

OTHER LIVESTOCK

Bison

According to industry estimates, there were between 190 bison producers in Manitoba in 2004, of which most were commercial producers with a few hobbyists. The BSE crisis impacted Manitoba's bison industry significantly in 2004, with dramatic price declines and increased herd sizes due to limited market opportunities. The provincial bison herd totalled 25,000 animals in mid-2004, including 15,000 breeding animals. The breeding herd has been increasing at about 25 percent per year for the past three years. There were 4,084 bison killed in Manitoba plants in 2004 and approximately 400 killed on farms for meat. It is estimated that about 12,000 calves were produced in the province in 2004. Breeding stock prices dropped to new lows for the industry. Bred cow prices fell to about $150 in 2004, while female calf prices declined to $50-75 per head. Bull calves and 2-year old bulls for breeding were valued at about $75 and $500 per head respectively. The value of bison production in Manitoba was estimated at about $3.0 million in 2004, up from $1.1 in 2003 and from $2.5 million in 2002, but lower than $6 million and $14 million in 2001 and 2000 respectively.

Deer & Elk

Manitoba producers had 3530 elk on 72 farms in 2004. There were between 400 and 600 fallow deer on farms in 2004. There were 14 deer and 202 elk slaughtered in inspected facilities in the province in 2004. The value of elk and deer production were estimated at about $1.3 million in 2004.

Goats

There were about 13,000 goats on 500 farms in 2004. One large commercial dairy goat producer and 25 smaller producers (who produced for their own use) produced more than 131,000 litres of goat milk in 2004, most of which was sold as fluid milk with smaller amounts used for cheese production.

There were 210 meat goats killed in Manitoba plants in 2004. Goat meat and milk sales were valued at about $1.2 million in 2004.

Horses

The 2001 Census of Agriculture indicated 3,730 farms reported 62,791 horses and ponies. This figure represents a decrease of 9 percent over the 1996 Census figure of 68,783 head. During the 2003/2004 season, 244 farms supplied pregnant mares' urine from 21,651 production mares for a gross value of $59,849,204. Declining demand led to a decline to 5,920 production mares on 79 farms and an estimated gross value of $19,305,890 in 2004/2005.

The PMU industry in Manitoba produced about 4500 foals in 2004, some of which were used for replacement mares or marketed as breeding stock, some sold as pleasure animals or ranch stock with the remainder sold to export and some to feedlots.

In 2004, the province exported 4,956 horses of all types worth $3.0 million to the U.S. The value of horse sales in 2004 was estimated at $12 million.

Llamas and Alpacas

According to the 2001 Census of Agriculture, there were 511 llamas and alpacas on 106 farms kept for breeding purposes, fibre production or as pets. In 2004, Canadian National Livestock Records listed 174 registered llamas and 362 alpacas in Manitoba. The size of the industry, including commercial animals, is estimated at 670 head. The industry has been growing in size, in 2003 there were 52 registered alpacas and llamas in Manitoba.

Llamas generally are raised and sold as breeding stock, pets and as guard animals for sheep, but can be used for trekking/packing and in 4-H events. Llamas produce fibre which is made into yarn. Breeding animals sold for approximately $500 to $1,000.

Alpacas are kept or sold for pets, breeding and fibre. Alpaca fibre is valuable and in demand. Alpacas were valued at $5,000 and up to $75,000 for top quality males.

Rovings, a small mill near Dugald, processes wool, fibre and hair, on a custom or commercial basis. Rovings imports raw material from all over North America and exports yarn and finished products throughout North America. The price of alpaca and llama fibre is about $45-60/lb or $99-132/kg. Alpaca produce approximately 2-3 kg of fibre and llamas produce approximately 2 kg of fibre (with guard hair removed). The value of llama and alpaca production was estimated at less than $1.0 million in 2004.

Pheasants

There were 16 pheasant producers in Manitoba with 30,465 pheasants according to the 2001 Census of Agriculture. There was one major producer who imported day old chicks from the U.S. and raised the birds for meat, sport and show purposes. No pheasants were slaughtered in the province in 2004.

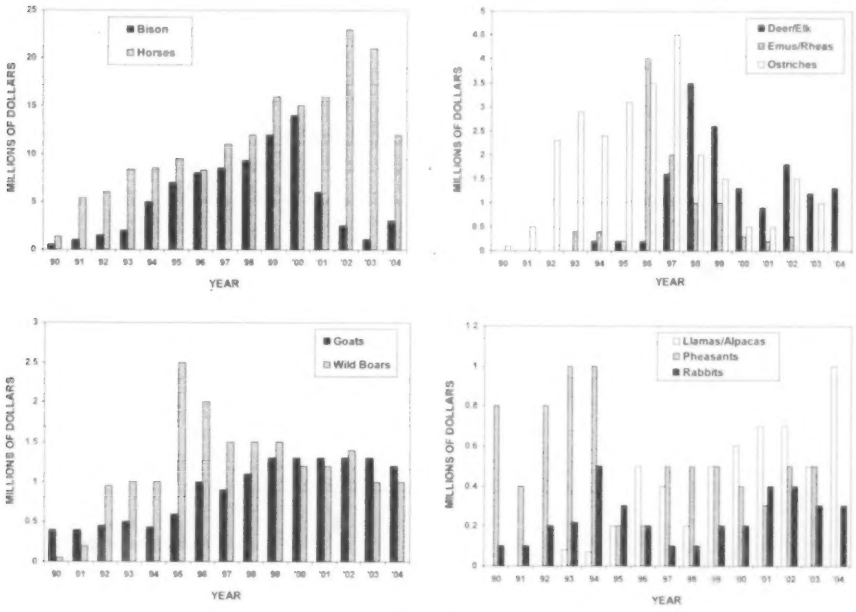
Rabbits

The 2001 Census of Agriculture reported a total of 99 rabbit farms with a rabbit population of 11,902. Manitoba produced 50-55,000 slaughter rabbits in 2004. The majority of rabbits were sold to the U.S. primarily for meat but also for medical and industrial purposes. Canadian prices were approximately $1.12/lb and rabbits weighed between 4.5 and 6.5 pounds. About 1,215 rabbits were killed in inspected facilities in the province, while the balance were slaughtered on farms or sold to other provinces. Rabbit sales were valued at about $0.3 million in 2004.

Wild Boars

According to the 2001 Census of Agriculture, Manitoba had 56 wild boar producers with 3,285 animals in 2001, down from 7,560 head five years earlier. There were approximately 2,500 - 3,500 animals in Manitoba in 2004. Wild boar is used for meat and is also exported for hunting. There were 438 boars killed in Manitoba packing plants during 2004. The value of wild boar sales for slaughter, breeding and hunting were estimated at less than $1.0 million in 2004.

CHART 18: Value of Production of Other Livestock, 1990-2004



SOURCE: Statistics Canada
PREPARED BY: Knowledge Management, Manitoba Agriculture, Food and Rural Initiatives
(Note: No emu production in 2003.)

OTHER PRODUCTS

FURS: FARM-RAISED AND WILDLIFE

The 2001 Census of Agriculture showed 9 farms with 270 foxes, 17 farms with 50,130 mink and 22 farms with 5,840 chinchillas. Pelts were obtained from both fur farms and wildlife sources. In 2004, 47,620 pelts were produced, 120 fox pelts valued at $9,948 produced on 4 fox farms and 47,500 mink pelts valued at $2,819,579 produced on 13 mink farms. In 2003, 12 mink farms produced 41,900 mink pelts valued at $2,101,175, while 120 fox pelts valued at $15,856 were produced by 6 farms.

Wildlife pelts totalled 82,421 in 2003/2004, a decrease of 5.1 percent from 2002/2003 and about 77 percent of the 353,791 wildlife pelts in the peak-value year, 1986/87. The decrease in pelt sales was offset by higher average prices for fur increasing the 2003/2004 market value to $3,039,009, 1.4 percent above the previous year's level.

The total number of farm and wildlife pelts in 2003/2004 was up by 12.6 percent from 2002/2003 with the overall fur value showing an increase of 41.3 percent.

TABLE 58: Fur Sales, 1998/1999 to 2003/04

	1999	2000	2001	2002	2003	2004
Fur Farms:						
Fox:						
Pelts	320	180	150	60	120	120
Value	$15,781	$8,782	$7,452	$7,004	$15,856	$9,948
Number of Farms	5	6	6	7	6	4
Mink:						
Pelts	28,200	35,500	35,500	28,600	41,900	47,500
Value	$1,197,237	$1,615,927	$1,628,851	$1,148,016	$2,101,175	$2,819,579
Number of Farms	9	10	12	11	12	13
TOTAL PELTS	**28,520**	**35,680**	**35,650**	**28,660**	**42,020**	**47,620**
TOTAL VALUE	**$1,213,018**	**$1,624,709**	**$1,636,303**	**$1,155,020**	**$2,117,031**	**$2,829,527**
	1998/1999	**1999/2000**	**2000/2001**	**2001/2002**	**2002/2003**	**2003/2004**
Wildlife*						
Pelts	100,820	97,022	102,003	110,470	86,839	82,421
Value	$2,037,022	$1,967,405	$2,769,982	$2,440,022	$2,998,184	$3,039,009
TOTAL FURS:						
Pelts	**138,940**	**125,542**	**137,683**	**146,120**	**115,499**	**130,041**
Value	**$3,213,695**	**$3,180,423**	**$4,394,691**	**$4,076,325**	**$4,153,204**	**$5,868,536**

* Data on wildlife furs are on a "fur year basis" which is from July 1st to June 30th.
SOURCE: Statistics Canada; Livestock Statistics; Cat. No. 23-013XIE.

HONEY AND ALFALFA LEAFCUTTING BEES

Honey Bees

Honey production from the 81,500 honey bee colonies in the province is considered below average at 145 pounds per colony. Manitoba's long term honey production average is approximately 165 pounds per colony. Production was impacted by cool weather conditions. The best honey producing weather arrived in September, too late for most beekeepers. Due to cool weather, some beekeepers experienced severe honey granulation in the comb and were unable to harvest some of the honey produced during the latter part of the season. Problems with honey granulation and dropping honey prices made 2004 a very difficult year for many beekeepers.

TABLE 59: Honey Prices and Production, 2001 - 2004

	2001	2002	2003	2004
Number of Beekeepers	800	800	550	580
Number of Colonies	92,000	87,000	80,000	81,500
Honey:				
Average kg/hive	77	75	82	66
Average lb/hive	170	165	182	145
Total Production – tonnes	7,094	6,511	6,618	5,362
Total Production – '000 lb	15,640	14,355	14,560	11,220
Price $/kg	2.36	4.41	4.25	2.05
Price $/lb	1.07	2.00	1.93	0.93
TOTAL VALUE	**$16,740,000**	**$28,710,000**	**$28,100,800**	**$10,992,600**
Beeswax:				
Production – tonnes	106.4	97.7	99.3	80.5
Production – '000 lb	234.6	215.3	218.4	177.3
Price $/kg	4.41	4.08	3.74	3.86
Price $/lb	2.00	1.85	1.70	1.75
TOTAL VALUE	**$469,000**	**$398,500**	**$371,280**	**$310,275**
TOTAL VALUE HONEY AND BEESWAX	**$17,209,000**	**$29,108,500**	**$28,472,082**	**$11,302,875**

SOURCE: Statistics Canada, Cat. 23-221XIB; Manitoba Agriculture, Food and Rural Initiatives.

Alfalfa Leafcutting Bees

Production of leafcutting bees and alfalfa seed was below average in 2004. The cool and wet production season impacted alfalfa plant development and allowed for relatively few flying days for the small leafcutting bee. The value of the bee increased significantly due mainly to the reduction in supply of bees in Western Canada.

TABLE 60: Production of Leafcutting Bees and Alfalfa Seed, 2001 - 2004

	2001	2002	2003	2004
Number of Leafcutting Beekeepers	170	172	174	159
Number of Leafcutting Bees (million)	1,912	2,231	2,322	1,800
Price of Leafcutting Bees (per bee)	$0.0008	$0.0018	$0.0017	$0.005
TOTAL VALUE OF BEES	**$1,530,000**	**$4,015,800**	**$3,947,400**	**$9,000,000**
Alfalfa Seed – ha	16,258	17,200	16,998	14,500
Alfalfa Seed – ac	40,173	42,500	42,000	36,000
Alfalfa Seed Production – tonnes	4,737.9	4,179.8	3,620	2,800
Alfalfa Seed Production – '000 lb	10,445.0	9,215.0	7,980	6,200
Price $/kg	$1.30	$2.10	$1.98	$2.57
Price $/lb	$0.59	$0.95	$0.90	$1.17
TOTAL VALUE OF SEED PRODUCED	**$6,162,000**	**$8,773,000**	**$7,182,000**	**$7,254,000**
TOTAL VALUE OF BEES AND SEED	**$7,692,000**	**$12,788,800**	**$11,129,400**	**$16,254,000**

NOTE: Statistics reflect total alfalfa seed production (pedigreed and common).
SOURCE: Manitoba Agriculture, Food and Rural Initiatives and Manitoba Crop Insurance Corporation.

RESOURCES

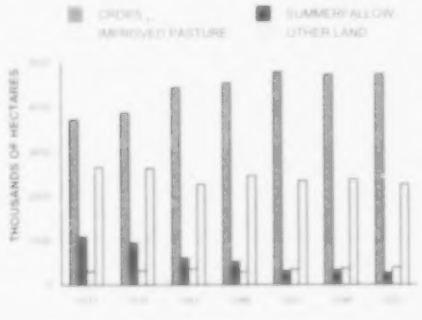
LAND AND FARMS

TABLE 61: Land Use by Area, 2001

Agricultural Region	IMPROVED LAND				Unimproved Pasture	All Other Land	TOTAL LAND
	Crops	Fallow	Pasture	Total			
	000 hectares						
1	518.1	24.0	35.0	577.2	107.6	35.9	720.7
2	527.1	30.6	52.1	609.8	165.0	62.0	836.7
3	483.9	46.1	41.2	571.2	137.2	90.1	798.4
4	205.6	19.0	36.0	260.6	65.4	42.4	368.4
5	200.1	9.7	25.3	235.1	56.1	31.4	322.7
6	386.1	21.8	47.5	455.4	313.8	90.6	859.7
7	675.5	24.2	41.5	741.3	123.5	50.6	915.5
8	754.9	17.1	25.3	797.3	76.7	44.6	918.5
9	341.4	23.9	16.7	382.1	64.4	36.4	482.8
10	83.2	8.0	7.5	98.6	55.2	26.9	150.8
11	237.1	12.1	12.4	261.7	68.8	19.5	350.0
12	301.8	19.1	43.0	363.9	346.7	137.0	847.6
PROVINCE	4,714.8	255.7	383.5	5,354.0	1,580.4	667.4	7,601.8
	000 acres						
1	1,280.3	59.4	86.4	1,426.2	265.9	88.7	1,780.8
2	1,302.4	75.7	128.6	1,506.7	407.7	153.2	2,067.5
3	1,195.7	113.9	101.9	1,411.4	339.0	222.6	1,973.0
4	508.1	47.0	88.9	644.0	161.5	104.8	910.3
5	494.5	24.0	62.6	581.0	138.7	77.6	797.3
6	954.0	53.9	117.3	1,125.2	775.3	223.9	2,124.4
7	1,669.3	59.8	102.7	1,831.7	305.3	125.2	2,262.1
8	1,865.4	42.1	62.5	1,970.1	189.6	110.1	2,269.8
9	843.7	59.1	41.4	944.2	159.1	89.9	1,193.1
10	205.5	19.8	18.4	243.7	136.4	66.5	446.7
11	586.0	29.9	30.7	646.6	170.0	48.2	864.8
12	745.7	47.2	106.3	899.3	856.7	338.5	2,094.5
PROVINCE	11,650.6	631.9	947.6	13,230.1	3,905.2	1,649.1	18,784.4

SOURCE: Statistics Canada, Census of Agriculture

CHART 19: Land Use, 1971 – 2001



SOURCE: Statistics Canada
PREPARED BY: Knowledge Management, Manitoba Agriculture, Food and Rural Initiatives

FARM NUMBER, SIZE, TYPES

The 2001 Census, taken on May 15th, defines a census farm as a farm, ranch or other agricultural holding with sales of agricultural products.

In 2001, the total number of farms in Manitoba was 21,071, a 13.6 percent decline from 1996. Each farm averaged 361 hectares (891 acres). Almost 54 percent of Census farms reported sales over $50,000 in 2000, while 37 percent had sales over $100,000.

TABLE 62: Size and Number of Farms, 2001

Agricultural Region	Census Farms			Number of Census Farms (with sales ≥ $50,000)			Number of Census Farms (with sales ≥ $100,000)		
	Number	Average Size ha	Average Size ac	Number	% of Farms	% of all Farms	Number	% of Farms	% of all Farms
1	1,556	463	1,144	970	8.6	4.6	664	8.6	3.2
2	2,138	391	967	1,219	10.8	5.8	793	10.2	3.8
3	1,907	419	1,035	1,090	9.7	5.2	710	9.2	3.4
4	921	400	988	479	4.2	2.3	296	3.8	1.4
5	885	365	901	431	3.8	2.0	282	3.6	1.3
6	1,812	474	1,172	880	7.8	4.2	540	7.0	2.6
7	2,509	365	902	1,518	13.5	7.2	1,093	14.1	5.2
8	3,021	304	751	1,951	17.3	9.3	1,451	18.7	6.9
9	2,485	194	480	1,205	10.7	5.7	943	12.2	4.5
10	688	263	649	210	1.9	1.0	152	2.0	0.7
11	1,369	256	632	547	4.9	2.6	371	4.8	1.8
12	1,780	476	1,177	775	6.9	3.7	453	5.8	2.1
PROVINCE	21,071	361	891	11,275	100.0	53.5	7,748	100.0	36.8

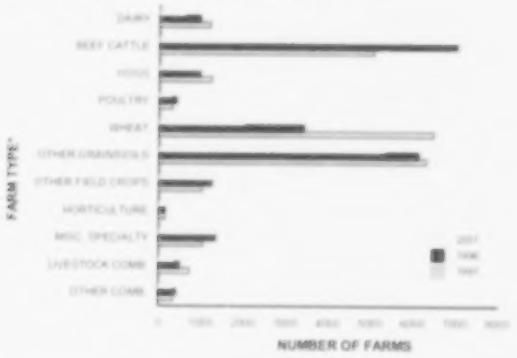
SOURCE: Statistics Canada, Census of Agriculture

TABLE 63: Farms with Total Gross Receipts of $2,500 or More, by Farm Type, 1971 – 2001

Farm Types	1971	1976	1981	1986	1991	1996	2001
	number of farms reporting						
Dairy	1,616	1,639	1,803	1,412	1,195	946	600
Cattle (beef)	5,494	5,186	5,679	4,682	5,071	7,018	7,232
Hogs	2,287	821	1,011	1,111	1,242	946	968
Poultry	520	285	409	356	311	401	284
Wheat	2,738	7,407	6,105	6,272	6,479	3,407	2,007
Other Grains & Oilseeds	7,249	9,127	8,533	8,758	6,303	6,110	5,325
Other Field Crops	377	275	498	415	1,032	1,248	1,276
Fruit	4		24	47	73	85	72
Vegetables	61		60	53	69	65	62
Miscellaneous Specialty	262	274	592	731	1,041	1,334	1,318
Livestock Combination	3,452	1,465	1,152	615	727	489	355
Other Combination	1,304		651	810	340	407	319
Total	25,364	26,479	26,517	25,262	23,883	22,456	19,818

SOURCE: Statistics Canada, Census of Agriculture

CHART 20: Farms Classified by Farm Type, 1991, 1996, and 2001



* 51% or more of product sales from specified type.
SOURCE: Statistics Canada.
PREPARED BY: Knowledge Management, Manitoba Agriculture, Food and Rural Initiatives.

TABLE 64: Percent of Farms with Crops and Livestock, 2001

Agricultural Region	CROPS					LIVESTOCK			
	Wheat	Oats	Barley	Flax	Canola	Cattle	Hogs	Sheep	Chickens
1	59	32	36	21	40	62	5	4	5
2	48	32	37	17	33	60	5	4	6
3	56	30	43	14	43	59	5	5	7
4	46	35	32	6	37	64	4	6	7
5	52	28	19	4	39	51	6	3	7
6	40	36	30	8	30	64	5	3	7
7	49	40	26	18	32	52	7	3	7
8	61	28	31	22	40	42	14	3	7
9	30	26	19	9	17	41	16	3	14
10	18	24	15	4	10	51	9	4	14
11	39	31	24	9	20	45	6	4	9
12	21	21	19	6	13	66	4	3	6
PROVINCE	**45**	**31**	**29**	**13**	**30**	**54**	**8**	**3**	**8**

SOURCE: Statistics Canada, Census of Agriculture.

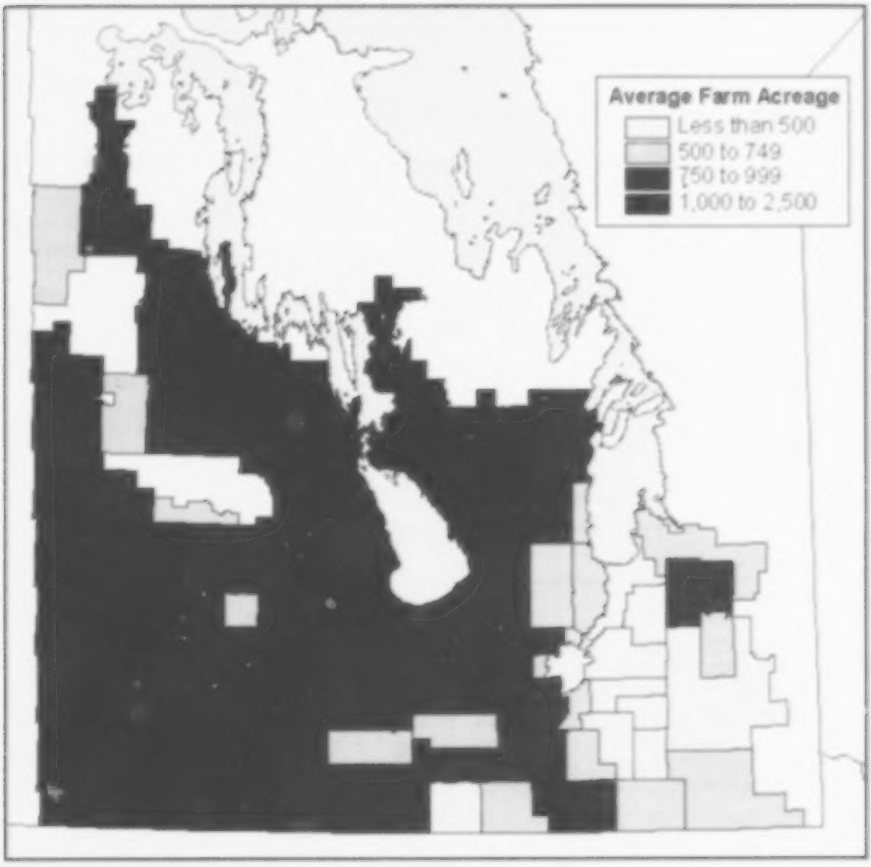
TENURE

TABLE 65: Farms Classified by Tenure of Operator, 1996, 2001

	1996			2001		
	No. of Operators	TOTAL		No. of Operators	TOTAL	
		Hectares	Acres		Hectares	Acres
Owner	23,036	4,928,736	12,179,174	20,031	4,747,047	11,730,210
Renter/Lessee	12,125	2,803,402	6,927,357	10,708	2,854,731	7,054,197
From Government	3,109	891,817	2,203,727	2,495	836,804	2,067,789
Rented/Leased from Others	10,435	1,911,585	4,723,630	8,695	1,800,033	4,447,979
Area Crop-shared from Others	...	...	...	1,602	217,894	538,429
TOTAL	**24,383**	**7,732,138**	**19,106,531**	**21,071**	**7,601,779**	**18,784,407**

SOURCE: Statistics Canada, Census of Agriculture.

MAP 15: Average Farm Size by Rural Municipality, 2001 Census



SOURCE: Statistics Canada, Census of Agriculture, 2001

PEOPLE

Population

The farm population reached 68,130 or 6.1 percent of Manitoba's total population in 2001, a decrease of 14.7 percent from 1996, when there were 79,835 people on Manitoba farms.

Of the 21,071 farms in 2001, 12,322 or 58.5 percent were operated as individual or family holdings with no operating arrangement, while 8,330 or 39.5 percent were family partnerships or corporations. Non-family corporations and other arrangements, such as institutions, colonies or community pastures totalled 419 or 2.0 percent.

There were 28,800 farm operators managing Manitoba's farms in 2001, of which 22.6 percent were female. Over 64 percent of farm operators were involved only in farming or agricultural-related occupations in 1996, while the remainder had a non-agricultural occupation.

About 13.4 percent of Manitoba farm operators were under 35 years of age in 2001, 53.7 percent were 35-54 years, while 32.8 percent were 55 years and over. In 1996, 31 percent of operators were 55 years or older, while in 1991 the percentage was 32.3 percent.

About 83.4 percent of Manitoba farm operators were married in 2001 compared to 83.1 percent in 1996.

In 2001, the top four languages reported as mother tongue by Manitoba farm operators were English (72.5 percent), German (12.9 percent), Ukrainian (5.2 percent) and French (5 percent). On average, in 2001, Manitoba farmers had 11.6 years of schooling compared to farmers in 1996 who had 11.2 years of schooling. More than 34 percent of farmers had post-secondary education in 2001, almost identical to 1996. In general, female farm operators had more years of post-secondary education than their male counterparts.

TABLE 66: Farm Operators by Selected Characteristics, 1971-2001

Characteristics	1971	1976	1981	1986	1991	1996[R]	2001
	number of farm operators						
Occupation							
Farmers & Farm Managers	Not available.			18,910	20,545		
Other Agricultural Occupation				1,165	3,180		
Total Primary Farm Operators	**Not available.**			**20,075**	**23,720**	**21,420**	**18,695**
Total Secondary Farm Operators				**7,260**	**11,060**	**11,885**	**10,100**
ALL FARM OPERATORS*	**34,981**	**32,104**	**29,442**	**27,335**	**34,780**	**33,310**	**28,795**
Male	Not available.			26,465	27,005	26,155	22,225
Female				870	7,775	7,155	6,570
Under the Age of 35	**5,570**	**6,880**	**7,228**	**6,330**	**7,190**	**5,905**	**3,860**
Male	Not available.			6,150	5,580	4,575	2,985
Female				185	1,605	1,330	875
35 – 54 Years of Age	**17,773**	**14,916**	**13,261**	**11,860**	**16,290**	**17,015**	**15,475**
Male	Not available			11,505	12,270	12,955	11,640
Female				355	4,020	4,065	3,840
55 Years and Over	**11,638**	**10,308**	**8,953**	**9,140**	**11,300**	**10,330**	**9,455**
Male	Not available.			8,810	9,155	8,550	7,655
Female				325	2,145	1,785	1,805
Average Age of Operators	**46.4**	**47.2**	**46.3**	**47.2**	**47.4**	**47.7**	**49.0[P]**
Male	Not available.				47.7	47.9	49.4[P]
Female					46.3	46.2	47.6[P]

* Prior to 1991 primary farm operators only.
NOTE: Totals may not add due to method of estimation.
SOURCE: Statistics Canada, Censuses of Agriculture and Population. Last modified September 29, 2004.

TABLE 66: Farm Operators by Selected Characteristics continued

Characteristics		Total Farm Operators	Farm Operators with an Agricultural Occupation			Farm Operators with a Non-Agricultural Occupation		
			Total	Male	Female	Total	Male	Female
1991 (number)		34,780	23,720	19,845	3,870	11,060	7,085	3,985
1996 (number)		33,310	21,420	17,990	3,435	11,885	8,165	3,720
2001 (number)		28,795	18,695	15,645	3,050	10,100	6,580	3,515
1996	Under 35 years of age (%)	17.8	15.1	15.3	14.4	22.5	23.3	20.7
	35 to 54 years of age (%)	51.2	47.6	46.9	51.2	57.8	55.8	62.2
	55 years of age and over (%)	31.0	37.2	37.7	34.4	19.7	20.9	17.1
	Average age (years)	**47.6**	**49.6**	**49.8**	**48.7**	**43.9**	**43.9**	**43.9**
2001	Under 35 years of age (%)	13.8	12.0	12.1	11.5	17.1	17.2	16.8
	35 to 54 years of age (%)	53.7	50.0	49.4	53.1	60.7	59.3	63.3
	55 years of age and over (%)	32.5	38.1	38.6	35.4	22.3	23.4	20.2
	Average age (years)	**49.0**	**50.6**	**50.7**	**49.8**	**46.0**	**46.2**	**45.7**
1996	Single (%)	11.7	13.0	15.0	2.5	9.4	12.9	1.6
	Married/common-law (%)	83.1	81.5	80.2	88.5	85.9	82.7	92.9
	Separated (%)	1.2	1.2	1.2	1.2	1.1	1.2	0.8
	Divorced (%)	1.8	1.6	1.9	0.1	2.2	2.6	1.3
	Widowed (%)	2.2	2.7	1.7	7.7	1.5	0.6	3.2
	Total (%)	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
2001	Single (%)	10.9	12.1	13.6	4.1	8.8	12.1	2.4
	Married/common-law (%)	83.4	82.1	81.0	87.7	85.8	82.5	92.2
	Separated (%)	1.1	1.0	1.0	1.1	1.2	1.5	0.6
	Divorced (%)	2.5	2.5	2.8	0.7	2.5	2.7	2.0
	Widowed (%)	2.1	2.3	1.6	6.2	1.8	1.2	2.7
	Total (%)	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
1996	English (%)	70.1	68.8	68.6	70.0	72.5	71.9	74.1
	French (%)	5.8	5.8	5.5	7.4	5.8	6.3	4.7
	German (%)	13.8	14.7	14.8	14.4	12.0	12.1	11.8
	Ukrainian (%)	5.8	5.9	6.3	3.8	5.7	5.6	5.8
	Dutch (%)	1.0	1.2	1.1	1.5	0.7	0.7	0.8
	All Others (%)	3.5	3.6	3.7	3.2	3.3	3.5	3.1
	Total (%)	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
2001	English (%)	72.5	71.3	71.0	72.3	74.9	73.6	77.3
	French (%)	5.0	5.1	5.3	3.9	4.9	4.9	5.0
	German (%)	12.9	14.2	13.9	15.7	10.5	10.6	10.1
	Ukrainian (%)	5.2	5.2	5.5	3.4	5.3	5.9	4.3
	Dutch (%)	1.0	1.2	1.2	1.1	0.6	0.7	0.6
	All Others (%)	3.3	3.0	2.9	3.4	3.8	4.3	2.8
	Total (%)	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
1996	Less than Grade 9 (%)	18.8	22.0	23.6	13.2	13.0	15.9	6.7
	Grades 9 to 13 (%)	47.2	48.6	48.9	47.2	44.6	45.3	42.8
	Post-secondary, non-university (%)	20.1	16.7	15.1	25.2	26.2	23.5	32.1
	University (%)	13.9	12.7	12.3	14.6	16.2	15.2	18.3
	Total (%)	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
	Average no. of years of schooling (years)	**11.2**	**10.9**	**10.7**	**11.6**	**11.7**	**11.5**	**12.3**
2001	Less than Grade 9 (%)	13.5	15.7	17.0	9.3	9.4	11.6	5.4
	Grades 9 to 13 (%)	52.4	55.3	55.3	55.3	47.0	47.9	45.1
	Post-secondary, non-university (%)	22.1	18.0	16.6	24.9	29.8	28.1	32.7
	University (%)	12.1	11.0	11.1	10.6	14.0	12.5	16.8
	Total (%)	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
	Average no. of years of schooling (years)	**11.6**	**11.3**	**11.2**	**11.9**	**12.2**	**11.9**	**12.6**

SOURCE: Statistics Canada, Censuses of Agriculture and Population

TABLE 66: Farm Operators by Selected Characteristics continued

		2001			
		Total Farms	Average Farm Area in acres	Average Gross Farm Receipts in 2000$	Average Farm Capital Market Value $
All farms	Young operators	2,110	635	103,545	523,485
	Middle aged operators	10,320	964	206,216	802,318
	Elderly operators	6,295	701	96,269	530,860
	Young & middle aged operators mix	670	1,115	235,851	1,020,022
	Young & elderly operators mix	400	1,524	284,610	1,290,533
	Middle aged & elderly operators mix	1,145	1,301	223,632	1,035,372
	Young, middle aged & elderly operators mix	140	1,820	360,330	1,441,586
	All farms	**21,070**	**891**	**167,492**	**726,346**
Farms with one operator	Young operators	1,600	638	100,276	513,082
	Middle aged operators	7,210	930	208,651	768,064
	Elderly operators	4,940	694	97,637	526,507
	Young & middle aged operators mix	0	0	0	0
	Young & elderly operators mix	0	0	0	0
	Middle aged & elderly operators mix	0	0	0	0
	Young, middle aged & elderly operators mix	0	0	0	0
	All farms	**13,745**	**811**	**156,144**	**651,583**
Farms with two or more operators	Young operators	505	625	113,861	556,316
	Middle aged operators	3,115	1,040	200,584	881,571
	Elderly operators	1,350	724	91,282	546,740
	Young & middle aged operators mix	670	1,115	235,851	1,020,022
	Young & elderly operators mix	400	1,524	284,610	1,290,533
	Middle aged & elderly operators mix	1,145	1,301	223,632	1,035,372
	Young, middle aged & elderly operators mix	140	1,820	360,330	1,441,586
	All farms	**7,325**	**1,042**	**188,792**	**866,674**

Source: Census of Agriculture, Statistics Canada (operator database 100%).

			Number of Farm Operators	Average Farm Area in acres	Average Gross Farm Receipts	Average Farm Capital Market Value $
					in 1990$	
	All farms	less than 25 years	1,070	839	101,780	461,871
		25 - 34 years	6,115	774	105,798	443,056
		less than 35 years	**7,190**	**784**	**105,200**	**445,857**
		35 - 44 years	8,645	846	112,274	477,533
		45 - 54 years	7,645	887	102,619	473,450
		35 - 54 years	**16,295**	**865**	**107,741**	**475,616**
		55 - 64 years	6,805	784	93,145	424,894
		65 years and over	4,490	634	65,643	330,482
		55 years and over	**11,300**	**724**	**82,212**	**387,363**
		ALL OPERATORS	**34,780**	**803**	**98,921**	**440,790**
1	Farms with one operator	less than 25 years	405	485	45,456	229,572
		25 - 34 years	2,750	608	70,485	326,145
9		**less than 35 years**	**3,155**	**593**	**67,258**	**313,692**
		35 - 44 years	4,160	744	89,962	399,619
9		45 - 54 years	3,780	775	82,573	391,553
		35 - 54 years	**7,945**	**759**	**86,445**	**395,781**
1		55 - 64 years	3,470	659	69,478	340,743
		65 years and over	2,485	500	41,907	245,193
		55 years and over	**5,955**	**583**	**57,985**	**300,913**
		ALL OPERATORS	**17,055**	**670**	**72,956**	**347,463**
	Farms with two or more operators	less than 25 years	660	1,056	136,311	604,290
		25 - 34 years	3,370	910	134,574	538,325
		less than 35 years	**4,035**	**934**	**134,860**	**549,171**
		35 - 44 years	4,480	940	132,994	549,890
		45 - 54 years	3,870	997	122,208	553,485
		35 - 54 years	**8,350**	**966**	**127,998**	**551,555**
		55 - 64 years	3,335	914	117,781	512,492
		65 years and over	2,010	798	94,955	435,811
		55 years and over	**5,345**	**871**	**109,199**	**483,661**
		ALL OPERATORS	**17,730**	**930**	**123,892**	**530,541**

SOURCE: Census of Agriculture, Statistics Canada (agriculture - population 2A database 100%)

TABLE 66: Farm Operators by Selected Characteristics continued

			Number of Farm Operators	Average Farm Area in acres	Average Gross Farm Receipts	Average Farm Capital Market Value $
					in 1995$	
1995	All farms	less than 25 years	975	769	104,199	475,446
		25 - 34 years	4,930	759	135,989	536,079
		less than 35 years	**5,900**	**761**	**130,738**	**526,064**
		35 - 44 years	9,070	912	157,498	636,644
		45 - 54 years	7,955	928	159,874	646,019
		35 - 54 years	**17,020**	**920**	**158,608**	**641,024**
		55 - 64 years	5,990	846	126,766	570,597
		65 years and over	4,345	670	93,960	448,625
		55 years and over	**10,330**	**772**	**112,976**	**519,326**
		ALL OPERATORS	**33,255**	**846**	**139,481**	**582,799**
	Farms with one operator	less than 25 years	345	402	49,206	240,070
		25 - 34 years	2,050	590	100,849	382,520
		less than 35 years	**2,395**	**563**	**93,417**	**362,019**
		35 - 44 years	4,085	762	113,249	486,926
		45 - 54 years	3,760	769	123,150	501,651
		35 - 54 years	**7,850**	**765**	**117,997**	**493,987**
		55 - 64 years	3,095	673	84,711	422,862
		65 years and over	2,550	499	59,889	312,981
		55 years and over	**5,645**	**594**	**73,500**	**373,234**
		ALL OPERATORS	**15,895**	**674**	**98,477**	**431,164**
	Farms with two or more operators	less than 25 years	630	970	134,342	604,463
		25 - 34 years	2,875	880	161,097	645,798
		less than 35 years	**3,505**	**896**	**156,288**	**638,369**
		35 - 44 years	4,985	1,036	193,772	759,374
		45 - 54 years	4,185	1,071	192,880	775,768
		35 - 54 years	**9,170**	**1,052**	**193,364**	**766,860**
		55 - 64 years	2,890	1,032	171,774	728,704
		65 years and over	1,795	914	142,422	641,561
		55 years and over	**4,690**	**986**	**160,543**	**695,361**
		ALL OPERATORS	**17,365**	**1,003**	**177,020**	**721,623**
					in 2000$	
2001	All farms	less than 25 years	630	864	157,590	739,309
		25 - 34 years	3,225	887	167,221	770,222
		less than 35 years	**3,860**	**883**	**165,646**	**765,169**
		35 - 44 years	7,465	992	194,217	855,305
		45 - 54 years	8,015	1,092	232,478	889,956
		35 - 54 years	**15,480**	**1,044**	**214,032**	**873,251**
		55 - 64 years	5,450	936	145,727	725,297
		65 years and over	4,010	729	99,016	561,290
		55 years and over	**9,460**	**848**	**125,919**	**655,751**
		ALL OPERATORS	**28,795**	**958**	**178,605**	**787,323**
	Farms with one operator	less than 25 years	215	468	56,927	370,194
		25 - 34 years	1,365	667	107,525	537,486
		less than 35 years	**1,580**	**640**	**100,640**	**514,722**
		35 - 44 years	3,280	858	156,329	708,410
		45 - 54 years	3,840	998	250,284	816,558
		35 - 54 years	**7,120**	**933**	**207,003**	**766,739**
		55 - 64 years	2,650	783	119,290	606,493
		65 years and over	2,260	591	71,910	431,921
		55 years and over	**4,910**	**694**	**97,461**	**526,065**
		ALL OPERATORS	**13,610**	**813**	**155,136**	**650,655**
	Farms with two or more operators	less than 25 years	415	1,068	209,598	930,013
		25 - 34 years	1,860	1,048	210,915	940,573
		less than 35 years	**2,280**	**1,051**	**210,675**	**938,646**
		35 - 44 years	4,180	1,098	223,935	970,524
		45 - 54 years	4,175	1,178	216,101	957,465
		35 - 54 years	**8,360**	**1,138**	**220,021**	**964,000**
		55 - 64 years	2,795	1,081	170,738	837,694
		65 years and over	1,745	908	134,094	728,711
		55 years and over	**4,550**	**1,014**	**156,651**	**795,796**
		ALL OPERATORS	**15,185**	**1,088**	**199,640**	**909,822**

SOURCE: Census of Agriculture, Statistics Canada (agriculture - population 2A database 100%).

Hired Agricultural Labour

The 2001 Census of Agriculture reported that in 2000, 8,669 farms hired paid labour for 493,462 weeks. This included the hiring of 343,346 weeks of year-round labour by 3,864 farms and 150,166 weeks of seasonal labour by 6,106 farms. Almost 15.4 percent fewer farms hired 13.0 percent more weeks of paid labour in 2000 than five years earlier. Year-round employment increased by 18.4 percent over the five-year period, while seasonal employment increased by 2.3 percent.

FARM WAGES

TABLE 67: Average Wages for Hired Agricultural Labour, 1997-2004

Type	1997	1998[E]	1999	2000	2001	2002	2003	2004
	$/hour							
General farm labour	8.88	9.19	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Machine operator	9.71	10.06						
Care of livestock	9.42	9.76						
Fruit & vegetable	7.71	8.34						
Supervisor	13.71	14.18						
Other labour	9.91	10.03						
AVERAGE ALL TYPES	**9.87**	**10.25**	**10.21**	**10.62**	**10.90**	**11.31**	**11.97**	**12.27**

SOURCE: Statistics Canada (Labour Force Survey), Manitoba Bureau of Statistics.

CAPITAL

Investment in Agriculture

The average investment per Manitoba farm reporting in the 2001 Census amounted to $726,346, an increase of 40.2 percent from 1996. Land and buildings accounted for 64.4 percent, machinery for 22.4 percent and livestock for 13.2 percent, respectively, of the total capital investment. According to the Census, total investment in agriculture was $15,304,836,124 in 2001, 21.1 percent above the 1996 level. The average capital investment in land and buildings was $467,878 per farm, based on the 2001 Census. This value had increased by 34.4 percent since 1996, reflecting the change to higher land values and larger farms.

TABLE 68: Capital Investment Per Farm Reporting, 2001

Agricultural Region	Land & Buildings	Machinery & Equipment	Livestock & Poultry	TOTAL*
	dollars per farm reporting			
1	491,858	192,664	146,367	788,936
2	490,399	184,219	149,173	783,602
3	406,235	165,805	125,329	659,120
4	336,333	139,267	140,030	579,443
5	331,080	141,946	111,369	546,265
6	283,294	130,160	153,956	524,503
7	649,977	216,921	157,152	964,233
8	618,890	187,929	117,246	875,126
9	531,322	135,210	148,062	766,869
10	278,375	103,896	104,276	452,294
11	474,566	147,031	122,954	697,668
12	276,441	118,127	176,585	529,487
PROVINCE	**467,878**	**162,811**	**141,584**	**726,346**

* As a different number of farms reported for each component, the total value per farm is not equal to the sum of the component values.

SOURCE: Statistics Canada, Census of Agriculture.

TABLE 69: Value of Farm Capital, by Province, 2000 – 2004

	2000	2001[R]	2002[R]	2003[R]	2004[P]
	thousand dollars				
CANADA	**187,724,012**	**195,156,706**	**197,200,384**	**198,445,221**	**201,000,259**
Manitoba	14,870,211	15,231,198	15,111,348	15,230,300	15,392,312
British Columbia	15,045,855	15,670,265	15844,990	16,034,095	16,458,963
Alberta	51,282,067	54,428,324	55,027,678	54,802,577	55,318,283
Saskatchewan	33,089,123	32,953,699	32,714,014	32,845,624	33,098,615
Ontario	48,722,708	50,403,932	51,362,226	52,219,798	53,269,390
Quebec	19,926,790	21,500,886	22,157,895	22,341,791	22,467,209
New Brunswick	1,432,689	1,515,408	1,518,944	1,515,592	1,524,382
Nova Scotia	1,585,854	1,642,002	1,649,178	1,642,535	1,639,742
PEI	1,575,165	1,606,777	1,603,695	1,596,460	1,610,128
NFLD	193,549	204,214	210,416	216,449	221,234

SOURCE: Statistics Canada. Catalogue 21-013-XIE. May 2005.

LAND VALUES

TABLE 70: Value per Unit of Farmland and Buildings, Manitoba and Canada

Year	$ per hectare		$ per acre	
	Manitoba	Canada	Manitoba	Canada
1983	939	1,448	380	586
1984	907	1,379	367	558
1985	887	1,278	359	517
1986	850	1,181	344	478
1987	803	1,127	325	456
1988	751	1,147	304	464
1989	810	1,280	328	518
1990	887	1,371	359	555
1991	882	1,384	357	560
1992	890	1,352	360	547
1993	922	1,371	373	555
1994	959	1,443	388	584
1995	1,020	1,567	413	634
1996	1,095	1,703	443	689
1997	1,181	1,873	478	758
1998	1,231	1,967	498	796
1999	1,250	2,031	506	822
2000	1,280	2,086	518	844
2001	1,297	2,130	525	862
2002	1,312	2,189	531	885
2003	1,354	2,239	548	905
2004	1,369	2,291	554	927
Averages:				
1921 – 1930	65	81	26	33
1931 – 1940	38	49	15	20
1941 – 1950	49	57	20	23
1951 – 1960	84	96	34	39
1961 – 1970	145	182	59	74
1971 – 1980	435	643	176	260
1981 – 1990	879	1,325	356	536
1991 – 2000	1,071	1,678	433	679

SOURCE: Statistics Canada. Catalogue 21-013-XIE. May 2005.

MACHINERY

The number of farm trucks licensed for operation in Manitoba in 2004 was 61,058, a decrease of 0.88 percent from the previous year. The number of farm trucks decreased between 1985 and 1989, rose from 1990 to 1992, but decreased between 1992 and 2004.

TABLE 71: Farm Machinery Numbers

	1996 Census		2001 Census	
	Farms Reporting	Number on Manitoba Farms	Farms Reporting	Number on Manitoba Farms
Tractors	22,127	68,735	19,665	69,209
Trucks	22,440	55,704	19,831	51,784
Combines	14,214	17,490	11,813	14,673
self-propelled	11,047	13,036	-	-
pull-type	4,099	4,454	-	-
Balers	11,655	15,088	10,622	13,518
bales, less than 200 lb	6,166	6,600	-	-
bales, 200 lb or more	8,083	8,488	-	-
Swathers and Windrowers	15,319	20,444	14,730	21,785
Mower Conditioners	6,101	6,440		
Forage Crop Harvesters	955	996	1,193	1,353
Farms with Cultivation, Seeding and Tillage Equipment	17,270	NA	15,261	53,196
Farms with All Other Farm Machinery and Equipment	19,835	NA	-	-
Farms with Personal Computers	4,618	NA	7,573	7,573

SOURCE: Statistics Canada, Census of Agriculture, 1996 and 2001.

FERTILIZER

Fertilizer sales, excluding mixed fertilizers, decreased to 943,200 tonnes (1,039,300 tons) in 2004 from 1,002,200 tonnes (1,104,400 tons) in 2003.

TABLE 72: Sales of Fertilizer, July 1 to June 30, 2002-2004

Formulation	Tonnes Sold			Tons Sold		
	2002	2003	2004	2002	2003	2004
	thousands					
Types:						
Ammonium Phosphate	211.3	253.3	245.3	232.9	279.1	270.3
Ammonium Nitrate	44.0	17.1	17.2	48.5	18.8	19.0
Urea	209.8	219.0	189.2	231.2	241.3	208.5
Anhydrous Ammonia	167.8	166.2	163.5	184.9	183.2	180.2
Nitrogen Solutions	63.6	146.4	150.9	70.0	161.3	166.3
Ammonium Sulphate	72.3	85.9	73.8	79.7	94.7	81.3
Potassium Chloride	58.6	78.9	72.7	64.6	86.9	80.1
Other Fertilizer Materials[1]	31.9	35.3	30.5	35.1	38.9	33.6
TOTAL FERTILIZER SALES	**859.3**	**1,002.2**	**943.2**	**946.9**	**1,104.4**	**1,039.3**

[1] Includes other nitrogen, other phosphates and other fertilizers.
SOURCE: Canadian Fertilizer Institute.

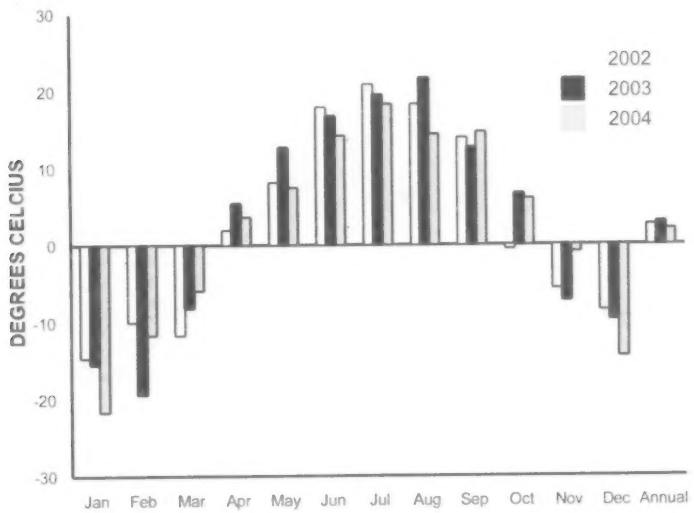
WEATHER

TABLE 73: Weather Record for the Year 2004, Winnipeg

Month	Temperature - Mean Monthly °C	Precipitation mm	Cooling Degree Days* (above 18°C)	Heating Degree Days* (below 18°C)
January	-21.7	40.5	0.0	1,230.8
February	-11.7	8.5	0.0	861.3
March	-5.9	59.7	0.0	740.8
April	3.6	23.3	0.0	431.8
May	7.4	134.0	0.0	327.9
June	14.1	35.0	7.9	124.6
July	18.2	67.0	48.1	41.0
August	14.3	127.5	1.0	114.5
September	14.6	84.6	14.8	117.0
October	6.0	50.5	0.0	373.5
November	-0.9	10.0	0.0	566.3
December	-14.5	42.0	0.0	1,006.9
YEAR	**2.0**	**682.6**	**71.8**	**5,936.4**

* Degree-days: the difference between the average temperature for a day and some reference temperature, such as 18°C.
SOURCE: Atmospheric Environment Service, Environment Canada

CHART 21: Winnipeg Monthly Mean Temperatures, 2001 – 2004



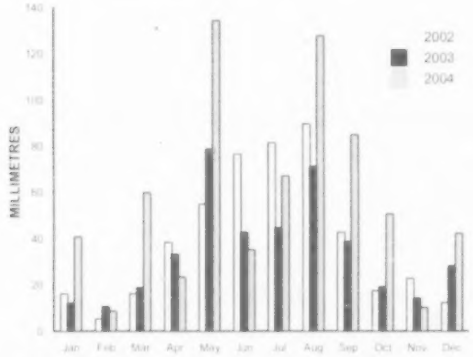
SOURCE: Atmospheric Environment Service, Environment Canada.
PREPARED BY: Knowledge Management, Manitoba Agriculture, Food and Rural Initiatives.

TABLE 74: Precipitation at Various Manitoba Points, 2004

millimetres	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	YEAR
Altona	57.0	15.0	95.0	31.0	151.0	60.0	51.0	119.4	78.6	43.5	13.0	56.0	770.5
Beausejour	57.0	2.0	74.0	16.6	131.7	84.4	58.4	106.8	187.2	52.2	16.8	56.0	843.1
Binscarth	34.4	2.4	33.0	21.0	134.8	41.8	49.4	87.4	31.8	59.0	6.4	58.6	560.0
Brandon A	43.0	4.6	21.8	17.2	145.6	52.2	ND	ND	24.6	ND	ND	31.4	M
Carman	38.0	13.0	50.2	31.4	135.4	28.8	59.6	90.8	122.2	50.0	3.0	51.0	673.4
Churchill	15.5	13.5	23.5	12.0	25.0	27.5	56.5	58.0	63.0	34.3	30.5	14.0	373.3
Cypress River	45.4	14.0	38.8	21.2	118.6	33.8	98.4	87.8	43.6	45.4	15.2	54.8	617.0
Dauphin	48.5	13.0	41.0	18.0	69.0	32.5	21.5	101.0	42.5	13.5	4.5	33.0	438.0
Ethelbert	37.0	14.0	60.2	15.8	113.4	98.6	73.7	118.4	53.0	34.0	5.2	27.2	650.5
Fisher Branch	67.0	4.5	110.7	28.7	73.9	58.2	60.9	57.5	41.3	59.0	11.5	53.5	626.7
Flin Flon A	27.8	32.6	39.6	24.6	33.6	60.2	71.2	43.9	74.6	18.8	14.4	48.4	489.7
Gimli	53.0	11.0	77.0	16.8	139.8	53.8	87.6	117.8	86.6	70.2	10.0	44.0	767.6
Melita	25.5	9.3	28.8	25.9	100.3	72.4	89.6	62.8	33.6	37.4	6.9	38.1	530.6
Morden AAFC	38.4	10.2	82.1	43.0	166.2	47.4	59.8	74.6	65.8	34.3	5.1	45.0	671.9
Morris	36.4	10.0	76.0	31.5	157.8	35.8	49.4	157.6	101.8	ND	12.2	37.2	M
Narcisse	57.8	12.7	129.7	15.8	83.8	37.0	69.8	73.6	53.6	51.0	8.8	32.4	626.0
Neepawa Water	45.7	8.0	33.4	17.3	177.0	23.0	73.0	109.1	35.8	52.9	21.0	59.4	655.6
Ochre River	35.5	6.5	20.0	15.0	96.4	75.6	39.8	143.4	41.9	68.4	8.6	48.0	599.1
Pierson	29.4	3.8	25.0	26.4	113.6	73.4	90.2	53.2	46.6	33.7	6.4	31.2	532.9
Pilot Mound	27.4	13.2	60.8	41.6	127.0	35.2	93.8	72.4	67.6	49.4	7.0	33.4	628.8
Pine River	44.0	25.4	80.2	24.1	123.8	73.8	57.2	108.4	42.0	40.8	13.4	47.2	680.3
Piney	22.5	5.0	49.0	35.2	145.1	64.2	96.6	85.2	99.0	66.0	5.6	32.8	706.2
Portage la Prairie AAFC	48.0	9.0	51.2	17.8	132.7	35.5	63.9	81.7	48.9	59.4	12.8	44.6	605.5
Riding Mountain	39.6	15.3	48.8	21.6	134.6	35.4	32.6	162.6	25.0	38.0	10.2	41.0	604.7
Roblin	45.9	11.5	38.4	9.5	101.0	73.7	49.3	68.5	23.8	16.9	4.3	34.1	476.6
Souris	45.0	10.0	35.0	20.2	208.9	69.6	105.2	83.4	30.0	44.0	8.0	ND	M
Sprague	39.3	11.1	48.4	42.4	189.6	64.3	59.8	109.2	75.2	68.5	5.6	40.1	753.5
Steinbach	39.8	11.0	78.3	27.6	152.8	90.0	85.0	136.8	88.9	45.7	10.4	34.9	801.2
Strathclair	22.2	2.5	46.9	25.7	151.8	46.1	79.9	107.9	37.6	41.3	3.0	54.9	619.8
Swan River	18.6	9.4	19.6	5.4	79.4	71.2	72.6	119.6	35.0	10.8	ND	14.2	M
The Pas A	22.6	ND	36.2	19.8	37.2	68.0	146.6	54.2	ND	22.5	ND	ND	M
Thompson A	14.2	21.6	18.0	25.1	39.6	38.2	27.4	39.6	50.0	39.1	46.4	19.6	378.8
Turtle Mountain	48.0	23.0	42.6	28.2	166.8	64.4	85.6	73.4	35.6	39.2	3.6	47.0	657.4
Virden	46.0	6.0	25.3	29.6	125.6	71.2	61.5	78.2	26.4	48.4	11.9	71.0	601.1
Winnipeg A	40.5	8.5	59.7	23.3	134.0	35.0	67.0	127.5	84.6	50.5	10.0	42.0	682.6
Winnipegosis	51.0	18.0	69.4	24.9	100.2	ND	ND	ND	ND	46.5	0.0	17.0	M

NOTE: Totals may not add due to conversion to Imperial from metric data.
ND - No data available. M - Missing data.
SOURCE: Environment Canada

CHART 22: Winnipeg Monthly Precipitation, 2001 – 2004



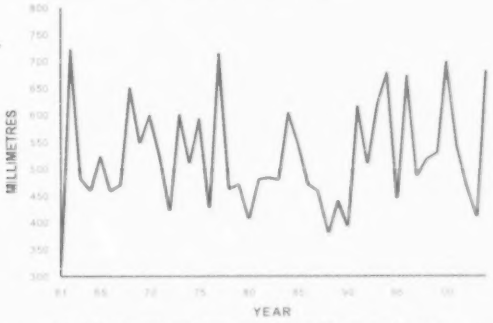
SOURCE: Atmospheric Environment Service, Environment Canada.
PREPARED BY: Knowledge Management, Manitoba Agriculture, Food and Rural Initiatives.

TABLE 74: Precipitation Continued

inches	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	YEAR
Altona	2.244	0.591	3.740	1.220	5.945	2.362	2.008	4.701	3.094	1.713	0.512	2.205	30.335
Beausejour	2.244	0.079	2.913	0.654	5.185	3.323	2.299	4.205	7.370	2.055	0.661	2.205	33.193
Binscarth	1.354	0.094	1.299	0.827	5.307	1.646	1.945	3.441	1.252	2.323	0.252	2.307	22.047
Brandon A	1.693	0.181	0.858	0.677	5.732	2.055	-	-	0.969	-	-	1.236	M
Carman	1.496	0.512	1.976	1.236	5.331	1.134	2.346	3.575	4.811	1.969	0.118	2.008	26.512
Churchill	0.610	0.531	0.925	0.472	0.984	1.083	2.224	2.283	2.480	1.350	1.201	0.551	14.697
Cypress River	1.787	0.551	1.528	0.835	4.669	1.331	3.874	3.457	1.717	1.787	0.598	2.157	24.291
Dauphin	1.909	0.512	1.614	0.709	2.717	1.280	0.846	3.976	1.673	0.531	0.177	1.299	17.244
Ethelbert	1.457	0.551	2.370	0.622	4.465	3.882	2.902	4.661	2.087	1.339	0.205	1.071	25.610
Fisher Branch	2.638	0.177	4.358	1.130	2.909	2.291	2.398	2.264	1.626	2.323	0.453	2.106	24.673
Flin Flon A	1.094	1.283	1.559	0.969	1.323	2.370	2.803	1.728	2.937	0.740	0.567	1.906	19.279
Gimli	2.087	0.433	3.031	0.661	5.504	2.118	3.449	4.638	3.409	2.764	0.394	1.732	30.220
Melita	1.004	0.366	1.134	1.020	3.949	2.850	3.528	2.472	1.323	1.472	0.272	1.500	20.890
Morden AAFC	1.512	0.402	3.232	1.693	6.543	1.866	2.354	2.937	2.591	1.350	0.201	1.772	26.453
Morris	1.433	0.394	2.992	1.240	6.213	1.409	1.945	6.205	4.008	-	0.480	1.465	M
Narcisse	2.276	0.500	5.106	0.622	3.299	1.457	2.748	2.898	2.110	2.008	0.346	1.276	24.646
Neepawa Water	1.799	0.315	1.315	0.681	6.968	0.906	2.874	4.295	1.409	2.083	0.827	2.339	25.811
Ochre River	1.398	0.256	0.787	0.591	3.795	2.976	1.567	5.646	1.650	2.693	0.339	1.890	23.587
Pierson	1.157	0.150	0.984	1.039	4.472	2.890	3.551	2.094	1.835	1.327	0.252	1.228	20.980
Pilot Mound	1.079	0.520	2.394	1.638	5.000	1.386	3.693	2.850	2.661	1.945	0.276	1.315	24.756
Pine River	1.732	1.000	3.157	0.949	4.874	2.906	2.252	4.268	1.654	1.606	0.528	1.858	26.783
Piney	0.886	0.197	1.929	1.386	5.713	2.528	3.803	3.354	3.898	2.598	0.220	1.291	27.803
Portage la Prairie AAFC	1.890	0.354	2.016	0.701	5.224	1.398	2.516	3.217	1.925	2.339	0.504	1.756	23.839
Riding Mountain	1.559	0.602	1.921	0.850	5.299	1.394	1.283	6.402	0.984	1.496	0.402	1.614	23.807
Roblin	1.805	0.451	1.510	0.374	3.976	2.900	1.939	2.697	0.937	0.663	0.167	1.343	18.762
Souris	1.772	0.394	1.378	0.795	8.224	2.740	4.142	3.283	1.181	1.732	0.315	-	M
Sprague	1.547	0.437	1.906	1.669	7.465	2.531	2.354	4.299	2.961	2.697	0.220	1.579	29.665
Steinbach	1.567	0.433	3.083	1.087	6.016	3.543	3.346	5.386	3.500	1.799	0.409	1.374	31.543
Strathclair	0.874	0.098	1.846	1.012	5.976	1.815	3.146	4.248	1.480	1.626	0.118	2.161	24.402
Swan River	0.732	0.370	0.772	0.213	3.126	2.803	2.858	4.709	1.378	0.425	-	0.559	M
The Pas A	0.890	-	1.425	0.780	1.465	2.677	5.772	2.134	-	0.890	-	-	M
Thompson A	0.559	0.850	0.709	0.988	1.559	1.504	1.079	1.559	1.969	1.539	1.827	0.772	14.913
Turtle Mountain	1.890	0.906	1.677	1.110	6.567	2.535	3.370	2.890	1.402	1.543	0.142	1.850	25.882
Virden	1.811	0.236	0.996	1.165	4.945	2.803	2.421	3.079	1.039	1.906	0.469	2.795	23.665
Winnipeg A	1.594	0.335	2.350	0.917	5.276	1.378	2.638	5.020	3.331	1.988	0.394	1.654	26.874
Winnipegosis	2.008	0.709	2.732	0.980	3.945	-	-	-	-	1.831	0.000	0.669	M

NOTE: Totals may not add due to conversion to Imperial from metric data.
ND - No data available. M - Missing data
SOURCE: Environment Canada

CHART 23: Average Annual Precipitation, Winnipeg, 1961 – 2004



SOURCE: Atmospheric Environment Service, Environment Canada
PREPARED BY: Knowledge Management, Manitoba Agriculture, Food and Rural Initiatives

PAST TRENDS

TABLE 75: Historical Production Value Summary

Year	Crops	Livestock	Other Products*	TOTAL
	thousand dollars			
1960	255,123	121,566	4,258	350,947
1961	137,309	132,524	3,970	273,803
1962	292,730	126,140	4,009	422,879
1963	243,090	135,424	4,328	382,842
1964	296,753	134,331	4,201	435,285
1965	319,946	142,509	5,447	467,902
1966	323,157	165,343	4,782	493,282
1967	308,939	162,397	5,819	477,155
1968	292,409	162,651	4,961	460,021
1969	250,051	208,522	4,715	463,288
1970	226,846	221,669	3,783	452,298
1971	331,889	205,657	3,523	541,069
1972	437,548	253,149	5,035	695,732
1973	919,412	354,940	7,098	1,281,450
1974	708,779	338,782	7,019	1,054,580
1975	768,753	325,386	7,607	1,101,746
1976	748,093	341,285	10,059	1,099,437
1977	855,581	337,027	15,580	1,208,188
1978	1,085,132	420,542	17,604	1,523,278
1979	1,097,838	536,209	23,069	1,657,116
1980	1,089,223	533,607	24,842	1,647,672
1981	1,497,930	522,741	25,089	2,045,760
1982	1,415,760	561,492	24,930	2,002,182
1983	1,385,692	574,847	23,655	1,984,194
1984	1,613,331	652,797	25,951	2,292,079
1985	1,694,334	676,284	30,543	2,401,161
1986	1,252,285	773,738	31,645	2,057,668
1987	1,143,317	748,069	33,899	1,925,885
1988	1,126,474	759,743	28,755	1,914,972
1989	1,340,946	706,987	28,290	2,076,223
1990	1,394,205	828,420	30,230	2,252,855
1991	1,248,952	817,443	34,590	2,100,985
1992	1,513,882	804,788	43,054	2,361,724
1993	1,225,426	893,435	57,364	2,176,225
1994	1,844,618	947,162	60,490	2,852,270
1995	1,988,132	977,406	66,515	3,032,053
1996	2,125,128	1,104,720	69,460	3,299,308
1997	1,858,246	1,158,407	68,123	3,084,776
1998	2,007,910	1,156,115	64,737	3,228,762
1999	1,548,850	1,278,790	66,096	2,893,736
2000	1,753,660	1,561,100	61,683	3,376,443
2001[R]	1,834,620	1,790,340	71,521	3,696,481
2002	2,203,656	1,652,096	91,154	3,946,906
2003[R]	2,335,682	1,699,674	99,791	4,135,147
2004	1,835,573	1,614,247	87,980	3,537,800

* Includes value of honey and beeswax, leafcutting bees commencing 1983, fur and forest products, and PMU operations commencing 1967.

SOURCE: Statistics Canada; Agriculture and Agri-Food Canada; Ayerst Organics; and Manitoba Agriculture, Food and Rural Initiatives.

CROPS

TABLE 76: Historical Production Value Summary of All Crops

Year	Total Grains	Total Oilseeds	Total Other Crops	Total Horticulture	Forage Seeds	TOTAL CROPS
	thousand dollars					
1960	165,773	19,568	27,048	11,648	1,086	225,123
1961	88,108	15,799	21,256	10,892	1,254	137,309
1962	216,072	25,260	36,974	12,319	2,105	292,730
1963	159,744	29,952	39,001	12,890	1,503	243,090
1964	210,006	36,499	32,357	16,632	1,259	296,753
1965	214,398	51,042	36,406	15,938	2,162	319,946
1966	228,706	35,175	43,537	13,977	1,762	323,157
1967	231,832	23,556	36,632	15,681	1,238	308,939
1968	202,241	34,308	40,399	14,890	571	292,409
1969	152,852	36,484	42,226	16,965	1,524	250,051
1970	120,471	45,484	42,817	16,373	1,701	226,846
1971	219,245	45,753	47,318	17,889	1,684	331,889
1972	301,922	61,180	54,124	18,780	1,542	437,548
1973	676,363	126,298	90,937	20,615	5,199	919,412
1974	436,682	126,922	113,049	29,501	2,625	708,779
1975	487,358	125,495	118,941	34,928	2,031	768,753
1976	511,386	77,000	124,358	32,299	3,050	748,093
1977	506,481	169,015	137,820	38,437	3,828	855,581
1978	599,060	274,990	158,761	44,833	7,488	1,085,132
1979	552,606	326,525	166,169	44,226	8,312	1,097,838
1980	683,735	188,230	153,740	58,616	4,902	1,089,223
1981	988,990	213,130	226,428	62,701	6,681	1,497,930
1982	925,830	227,680	198,089	59,136	5,025	1,415,760
1983	885,180	260,140	177,374	55,627	7,371	1,385,692
1984	989,730	358,680	187,993	71,365	5,563	1,613,331
1985	1,083,750	328,710	202,064	73,648	6,162	1,694,334
1986	692,150	213,100	264,949	73,902	8,184	1,252,285
1987	589,810	227,600	220,655	91,159	14,093	1,143,317
1988	612,560	263,220	165,462	71,437	13,795	1,126,474
1989	860,200	190,440	203,287	75,764	11,255	1,340,946
1990	848,380	219,850	235,952	81,813	8,210	1,394,205
1991	689,080	267,720	198,770	88,574	4,800	1,248,952
1992	902,850	321,120	190,387	99,079	3,284	1,513,882
1993	537,180	343,090	244,381	98,578	2,431	1,225,426
1994	809,600	645,860	258,360	123,630	6,248	1,844,618
1995	1,034,150	587,025	224,077	133,070	8,310	1,988,132
1996	1,141,860	542,960	262,237	166,898	13,511	2,125,128
1997	793,130	710,320	173,380	178,837	14,909	1,858,246
1998	770,120	763,360	261,370	190,720	17,720	2,007,910
1999	583,230	473,810	268,720	185,580	17,910	1,548,850
2000	805,650	439,460	277,870	211,500	19,180	1,753,660
2001	796,380	458,720	366,660	199,400	13,460	1,834,620
2002	923,540	712,490	332,766	214,930	19,930	2,203,656
2003	989,650	788,790	292,734	244,578*	18,198	2,335,682
2004	703,840	596,890	305,705	203,707	25,431	1,835,573

* Incomplete data, total includes previous year's values for missing data (see Table 36).
** Assumes no change from previous year's value for 2003.
SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives.

TABLE 77: Historical Production Value Summary of Grains

Year	All Wheat	Oats	Barley	All Rye	Mixed Grains*	Grain Corn	TOTAL GRAINS
	thousand dollars						
1960	106,260	34,720	20,160	1,444	2,996	193	165,773
1961	59,840	15,120	9,450	957	2,600	141	88,108
1962	136,000	52,510	20,160	3,150	4,100	152	216,072
1963	104,310	34,100	15,520	2,625	2,964	225	159,744
1964	138,550	47,450	16,800	2,940	4,116	150	210,006
1965	150,350	52,540	23,100	3,120	5,100	188	214,398
1966	140,620	48,000	30,800	2,592	6,503	191	228,706
1967	147,600	45,540	29,370	2,880	6,030	412	231,832
1968	119,210	40,500	33,970	2,500	5,929	132	202,241
1969	79,360	37,260	28,980	2,573	4,544	135	152,852
1970	43,310	30,210	37,740	2,469	6,532	210	120,471
1971	101,380	40,280	65,800	2,460	8,775	550	219,245
1972	128,340	49,500	107,100	2,397	13,500	1,085	301,922
1973	331,100	102,690	208,330	5,684	25,875	2,684	676,363
1974	236,000	65,360	117,600	5,625	11,400	697	436,682
1975	275,340	72,000	116,280	7,500	13,950	2,288	487,358
1976	288,400	68,930	134,000	5,750	10,833	3,473	511,386
1977	269,670	57,420	155,100	7,190	13,040	4,061	506,481
1978	375,440	40,590	143,650	10,220	12,920	16,240	599,060
1979	346,500	27,400	129,920	11,590	12,626	24,570	552,606
1980	386,400	33,120	214,560	12,760	11,395	25,500	683,735
1981	578,720	48,620	277,300	25,910	12,670	45,770	988,990
1982	610,660	42,400	215,940	18,540	11,620	26,670	925,830
1983	593,340	44,110	190,680	17,440	11,270	28,340	885,180
1984	643,680	47,090	234,500	18,210	13,210	33,040	989,730
1985	757,770	45,450	250,070	11,040	10,300	9,120	1,083,750
1986	499,330	36,860	144,350	3,500	2,500	5,610	692,150
1987	390,700	44,910	137,580	3,930	2,640	10,050	589,810
1988	412,000	35,390	142,130	5,870	1,970	15,200	612,560
1989	621,660	28,710	177,790	15,450	2,650	13,940	860,200
1990	641,400	22,730	154,840	9,130	2,120	18,160	848,380
1991	526,050	18,670	114,730	4,360	2,600	22,670	689,080
1992	705,050	54,440	132,680	5,220	2,180	3,280	902,850
1993	379,660	47,810	99,280	3,670	2,630	4,130	537,180
1994	591,460	64,990	128,830	3,770	3,150	17,400	809,600
1995	697,690	91,190	216,480	6,980	5,080	16,730	1,034,150
1996	713,370	144,730	249,200	10,030	4,200	20,330	1,141,860
1997	487,150	91,950	182,080	9,590	2,700	19,660	793,130
1998	465,950	114,350	153,440	10,720	1,050	24,610	770,120
1999	378,590	77,750	106,540	5,080	910	24,360	593,230
2000	502,970	93,500	174,530	3,890	1,700	29,060	805,650
2001	479,090	123,420	159,720	3,850	1,780	28,520	796,380
2002	507,060	171,010	180,680	6,240	2,940	55,610	923,540
2003	618,490	139,070	162,030	6,570	960	62,530	989,650
2004	438,170	119,460	132,990	10,710	550	1,960	703,840

* Methodology changed 1986 - see Mixed Grains.

SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives

TABLE 78: Historical Production and Value of Wheat

Year	Harvested Hectares	Yield Per Hectare	Production	Farm Value	
				Price Per Tonne	Total
	(000)	(kilograms)	(000 tonnes)	$	($000)
1960	1,133	1,585	1,796	59	106,260
1961	1,179	785	926	65	59,840
1962	1,231	1,770	2,177	62	136,000
1963	1,276	1,300	1,660	63	104,310
1964	1,370	1,690	2,313	60	138,550
1965	1,311	1,640	2,150	61	130,350
1966	1,317	1,630	2,150	65	140,620
1967	1,424	1,720	2,449	60	147,600
1968	1,376	1,800	2,477	48	119,210
1969	1,012	1,720	1,742	46	79,360
1970	567	1,465	830	52	43,310
1971	1,019	1,975	2,014	50	101,380
1972	1,052	1,785	1,878	68	128,340
1973	1,214	1,725	2,095	158	331,100
1974	1,133	1,415	1,605	147	236,000
1975	1,255	1,690	2,123	130	275,340
1976	1,538	1,820	2,803	103	288,400
1977	1,295	2,125	2,749	98	269,670
1978	1,376	2,055	2,831	133	375,440
1979	1,214	1,680	2,041	170	346,500
1980	1,336	1,425	1,905	203	386,400
1981	1,578	2,110	3,326	174	578,720
1982	1,619	2,290	3,701	165	610,660
1983	1,861	1,830	3,410	174	593,340
1984	1,801	2,080	3,742	172	643,680
1985	1,942	2,690	5,226	145	757,770
1986	1,995	2,235	4,458	112	499,330
1987	1,963	2,010	3,947	99	390,700
1988	1,934	1,230	2,382	173	412,000
1989	2,135	1,950	4,172	149	621,660
1990	2,205	2,670	5,884	109	641,400
1991	2,173	2,200	4,806	109	526,050
1992	2,084	2,800	5,808	121	705,050
1993	1,983	1,800	3,637	104	379,660
1994	1,657	2,200	3,697	160	591,460
1995	1,615	2,100	3,405	205	697,690
1996	1,700	2,600	4,377	163	713,370
1997	1,570	2,100	3,350	145	487,150
1998	1,307	2,500	3,220	145	465,950
1999	1,273	2,500	3,158	120	378,590
2000	1,572	2,700	4,266	118	502,970
2001	1,582	2,200	3,431	140	479,090
2002	1,376	2,400	3,355	151	507,060
2003	1,406	3,000	4,163	149	618,490
2004	1,279	3,000	3,877	113	438,170

SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives

TABLE 78: Wheat Continued

Year	Harvested Acres	Yield Per Acre	Production	Farm Value	
				Price Per Bushel	Total
	(000)	(bushels)	(000 bushels)	$	($000)
1960	2,800	23.6	66,000	1.61	106,260
1961	2,914	11.7	34,000	1.76	59,840
1962	3,042	26.3	80,000	1.70	136,000
1963	3,153	19.3	61,000	1.71	104,310
1964	3,385	25.1	85,000	1.63	138,550
1965	3,240	24.4	79,000	1.65	130,350
1966	3,255	24.3	79,000	1.78	140,620
1967	3,520	25.6	90,000	1.64	147,600
1968	3,400	26.8	91,000	1.31	119,210
1969	2,500	25.6	64,000	1.24	79,360
1970	1,400	21.8	30,500	1.42	43,310
1971	2,519	29.4	74,000	1.37	101,380
1972	2,600	26.5	69,000	1.86	128,340
1973	3,000	25.7	77,000	4.30	331,100
1974	2,800	21.1	59,000	4.00	236,000
1975	3,100	25.2	78,000	3.53	275,340
1976	3,800	27.1	103,000	2.80	288,400
1977	3,200	31.6	101,000	2.67	269,670
1978	3,400	30.6	104,000	3.61	375,440
1979	3,000	25.0	75,000	4.62	346,500
1980	3,300	21.2	70,000	5.52	386,400
1981	3,900	31.3	122,200	4.75	578,720
1982	4,000	34.0	136,000	4.48	610,660
1983	4,600	27.2	125,300	4.74	593,340
1984	4,450	30.9	137,500	4.68	643,680
1985	4,800	40.0	192,000	3.95	757,770
1986	4,930	33.2	163,800	3.05	499,330
1987	4,850	29.9	145,000	2.69	390,700
1988	4,780	18.3	87,500	4.71	412,000
1989	5,275	29.1	153,300	4.06	621,660
1990	5,450	39.7	216,200	2.97	641,400
1991	5,370	32.9	176,600	3.00	526,050
1992	5,150	41.4	213,400	3.30	705,050
1993	4,900	27.3	133,650	2.85	379,660
1994	4,095	33.2	135,830	4.35	591,460
1995	3,990	31.4	125,100	5.60	697,690
1996	4,200	38.3	160,800	4.44	713,370
1997	3,880	31.7	123,100	3.96	487,150
1998	3,230	36.6	118,300	3.94	465,950
1999	3,145	36.9	116,050	3.26	378,590
2000	3,885	40.3	156,750	3.21	502,970
2001	3,910	32.2	126,050	3.80	479,090
2002	3,400	36.3	123,280	4.11	507,060
2003	3,475	44.0	152,950	4.04	618,490
2004	3,160	45.1	142,470	3.08	438,170

SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives

TABLE 79: Historical Production and Value of Oats

Year	Harvested For Grain Hectares	Yield Per Hectare	Production	Farm Value	
				Price Per Tonne	Total
	(000)	(kilograms)	(000 tonnes)	$	($000)
1960	607	1,425	864	40	34,720
1961	526	705	370	41	15,120
1962	726	1,890	1,373	38	52,510
1963	656	1,455	956	36	34,100
1964	662	1,700	1,126	42	47,450
1965	617	1,850	1,141	46	52,540
1966	619	1,595	987	49	48,000
1967	647	1,575	1,018	45	45,540
1968	639	1,955	1,249	32	40,500
1969	619	1,720	1,064	35	37,260
1970	510	1,600	817	37	30,210
1971	565	2,075	1,172	34	40,280
1972	461	1,840	848	58	49,500
1973	526	1,850	972	106	102,690
1974	486	1,365	633	99	65,360
1975	445	1,735	771	93	72,000
1976	506	1,860	941	73	68,930
1977	425	2,105	894	64	57,420
1978	304	2,080	632	64	40,590
1979	182	1,690	308	89	27,400
1980	182	1,525	278	119	33,120
1981	243	1,910	463	105	48,620
1982	223	2,350	524	81	42,400
1983	223	1,800	401	110	44,110
1984	223	1,940	432	109	47,090
1985	194	2,550	494	92	45,450
1986	178	2,555	455	81	36,860
1987	190	2,270	432	104	44,910
1988	168	1,378	231	153	35,390
1989	194	1,699	330	87	28,710
1990	146	2,329	339	67	22,730
1991	109	2,000	222	84	18,670
1992	194	2,900	555	98	54,440
1993	202	2,400	494	97	47,810
1994	263	2,500	663	98	64,990
1995	263	2,400	625	146	91,190
1996	389	2,700	1,056	137	144,730
1997	283	2,600	736	125	91,950
1998	364	2,800	1,030	111	114,350
1999	295	2,900	854	91	77,750
2000	348	2,900	1,016	92	93,500
2001	324	2,300	748	165	123,420
2002	405	2,500	1,018	168	171,010
2003	364	3,000	1,095	127	139,070
2004	275	3,300	904	132	119,460

SOURCE: Statistics Canada; Manitoba Agriculture, Food and Rural Initiatives.

TABLE 79: Oats Continued

Year	Harvested For Grain Acres	Yield Per Acre	Production	Farm Value	
				Price Per Bushel	Total
	(000)	(bushels)	(000 bushels)	$	($000)
1960	1,500	37.3	56,000	0.62	34,720
1961	1,300	18.5	24,000	0.63	15,120
1962	1,794	49.6	89,000	0.59	52,510
1963	1,620	38.3	62,000	0.55	34,100
1964	1,635	44.6	73,000	0.65	47,450
1965	1,525	48.5	74,000	0.71	52,540
1966	1,530	41.8	64,000	0.75	48,000
1967	1,600	41.2	66,000	0.69	45,540
1968	1,580	51.3	81,000	0.50	40,500
1969	1,530	45.1	69,000	0.54	37,260
1970	1,260	42.1	53,000	0.57	30,210
1971	1,395	54.5	76,000	0.53	40,280
1972	1,140	48.2	55,000	0.90	49,500
1973	1,300	48.5	63,000	1.63	102,690
1974	1,200	35.8	43,000	1.52	65,360
1975	1,100	45.5	50,000	1.44	72,000
1976	1,250	48.8	61,000	1.13	68,930
1977	1,050	55.2	58,000	0.99	57,420
1978	750	54.7	41,000	0.99	40,590
1979	450	44.4	20,000	1.37	27,400
1980	450	40.0	18,000	1.84	33,120
1981	600	50.0	30,000	1.62	48,620
1982	550	61.8	34,000	1.25	42,400
1983	550	47.3	26,000	1.70	44,110
1984	550	50.9	28,000	1.68	47,090
1985	480	66.7	32,000	1.43	45,450
1986	440	67.0	29,500	1.25	36,860
1987	470	59.6	28,000	1.61	44,910
1988	415	36.1	15,000	2.33	35,390
1989	480	44.6	21,400	1.34	28,710
1990	360	61.1	22,000	1.03	22,730
1991	270	53.3	14,400	1.30	18,670
1992	480	75.0	36,000	1.50	54,440
1993	500	64.0	32,000	1.50	47,810
1994	650	66.2	43,000	1.50	64,990
1995	650	62.3	40,500	2.25	91,190
1996	960	71.4	68,500	2.10	144,730
1997	700	68.1	47,700	1.95	91,950
1998	900	74.2	66,800	1.70	114,350
1999	730	75.9	55,400	1.40	77,750
2000	860	76.6	65,900	1.40	93,500
2001	800	60.6	48,500	2.55	123,420
2002	1,000	66.0	66,000	2.60	171,010
2003	900	78.9	71,000	1.95	139,070
2004	680	86.2	58,600	2.04	119,460

SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives

TABLE 80: Historical Production and Value of Barley

Year	Harvested Hectares	Yield Per Hectare	Production	Farm Value	
				Price Per Tonne	Total
	(000)	(kilograms)	(000 tonnes)	$	($000)
1960	376	1,390	523	39	20,160
1961	265	740	196	48	9,450
1962	255	1,790	457	44	20,160
1963	236	1,475	348	45	15,520
1964	201	1,730	348	48	16,800
1965	243	1,970	479	48	23,100
1966	354	1,725	610	50	30,800
1967	393	1,825	718	41	29,370
1968	473	1,980	936	36	33,970
1969	486	1,880	914	32	28,980
1970	607	1,830	1,110	34	37,740
1971	830	2,465	2,047	32	65,800
1972	850	2,180	1,851	58	107,100
1973	850	2,125	1,807	115	208,330
1974	728	1,585	1,154	102	117,600
1975	607	1,830	1,110	105	116,280
1976	647	2,255	1,459	92	134,000
1977	769	2,660	2,047	76	155,100
1978	708	2,615	1,851	78	143,650
1979	587	2,150	1,263	103	129,920
1980	809	1,940	1,568	137	214,560
1981	951	2,450	2,330	119	277,300
1982	809	2,930	2,373	91	215,940
1983	708	2,240	1,589	120	190,680
1984	728	2,660	1,938	121	234,500
1985	749	3,370	2,526	99	250,070
1986	627	2,950	1,851	78	144,350
1987	688	2,816	1,938	71	137,580
1988	575	1,932	1,110	128	142,130
1989	647	2,390	1,546	115	177,790
1990	607	3,228	1,960	79	154,840
1991	506	2,800	1,426	80	114,730
1992	425	3,700	1,568	85	132,680
1993	445	2,800	1,241	80	99,280
1994	425	3,100	1,328	97	128,830
1995	465	2,900	1,328	163	216,480
1996	627	3,400	2,112	118	249,200
1997	546	3,100	1,685	108	182,080
1998	502	3,200	1,631	94	153,440
1999	405	3,000	1,215	88	106,540
2000	482	3,400	1,622	108	174,530
2001	445	2,800	1,234	129	159,720
2002	405	2,900	1,176	154	180,680
2003	405	3,400	1,372	118	162,030
2004	374	3,700	1,367	97	132,990

SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives

TABLE 80: Barley Continued

Year	Harvested Acres	Yield Per Acre	Production	Farm Value	
				Price Per Bushel	Total
	(000)	(bushels)	(000 bushels)	$	($000)
1960	930	26.1	24,000	0.84	20,160
1961	655	13.7	9,000	1.05	9,450
1962	629	33.4	21,000	0.96	20,160
1963	584	27.4	16,000	0.97	15,520
1964	497	32.2	16,000	1.05	16,800
1965	601	36.6	22,000	1.05	23,100
1966	875	32.0	28,000	1.10	30,800
1967	970	34.0	33,000	0.89	29,370
1968	1,170	36.8	43,000	0.79	33,970
1969	1,200	35.0	42,000	0.69	28,980
1970	1,500	34.0	51,000	0.74	37,740
1971	2,052	45.8	94,000	0.70	65,800
1972	2,100	40.5	85,000	1.26	107,100
1973	2,100	39.5	83,000	2.51	208,330
1974	1,800	29.4	53,000	2.22	117,600
1975	1,500	34.0	51,000	2.28	116,280
1976	1,600	41.9	67,000	2.00	134,000
1977	1,900	49.5	94,000	1.65	155,100
1978	1,750	48.6	85,000	1.69	143,650
1979	1,450	40.0	58,000	2.24	129,920
1980	2,000	36.0	72,000	2.98	214,560
1981	2,350	45.5	107,000	2.59	277,300
1982	2,000	54.5	109,000	1.98	215,940
1983	1,750	41.7	73,000	2.61	190,680
1984	1,800	49.4	89,000	2.63	234,500
1985	1,850	62.7	116,000	2.10	250,070
1986	1,550	54.8	85,000	1.70	144,350
1987	1,700	52.4	89,000	1.55	137,580
1988	1,420	35.9	51,000	2.80	142,130
1989	1,600	44.4	71,000	2.50	177,790
1990	1,500	60.0	90,000	1.72	154,840
1991	1,250	52.4	65,500	1.75	114,730
1992	1,050	68.6	72,000	1.85	132,680
1993	1,100	51.8	57,000	1.75	99,280
1994	1,050	58.1	61,000	2.11	128,830
1995	1,150	63.0	61,000	3.55	216,480
1996	1,550	62.6	97,000	2.57	249,200
1997	1,350	57.3	77,400	2.35	182,080
1998	1,240	60.4	74,900	2.05	153,440
1999	1,000	55.8	55,800	1.90	106,540
2000	1,190	62.6	74,500	2.35	174,530
2001	1,100	51.5	56,700	2.80	159,720
2002	1,000	54.0	54,000	3.35	180,680
2003	1,000	63.0	63,000	2.57	162,030
2004	925	67.9	62,800	2.12	132,990

SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives

TABLE 81: Historical Production and Value of All Rye

Year	Harvested Hectares	Yield Per Hectare	Production	Farm Value	
				Price Per Tonne	Total
	(000)	(kilograms)	(000 tonnes)	$	($000)
1960	33.8	1,240	41.9	34	1,444
1961	31.8	705	22.4	43	957
1962	48.2	1,585	76.5	41	3,150
1963	38.2	1,395	53.3	49	2,625
1964	54.2	1,315	71.3	41	2,940
1965	54.2	1,410	76.5	41	3,120
1966	40.2	1,525	61.4	42	2,592
1967	57.4	1,175	67.4	43	2,880
1968	48.4	1,310	63.5	39	2,500
1969	66.2	1,140	75.5	34	2,573
1970	52.8	1,365	72.0	34	2,469
1971	51.6	1,625	83.8	29	2,460
1972	32.6	1,435	46.8	51	2,397
1973	32.8	1,650	54.1	105	5,684
1974	40.8	1,545	63.0	89	5,625
1975	47.8	1,590	76.0	99	7,500
1976	36.8	1,855	68.3	84	5,750
1977	44.8	1,880	84.3	86	7,190
1978	50.8	1,955	99.4	103	10,220
1979	50.4	1,580	79.6	145	11,590
1980	60.8	1,235	75.0	171	12,760
1981	76.4	2,290	175.1	148	25,910
1982	92.8	2,300	213.1	87	18,540
1983	85.0	1,920	163.0	107	17,440
1984	88.6	2,210	195.8	93	18,210
1985	78.2	2,140	167.3	66	11,040
1986	29.1	1,973	57.4	61	3,500
1987	26.3	1,738	45.7	86	3,930
1988	44.5	1,256	55.9	105	5,870
1989	93.1	2,128	198.1	78	15,450
1990	72.8	2,163	157.5	58	9,130
1991	32.0	1,900	61.0	71	4,360
1992	30.4	2,200	66.0	79	5,220
1993	26.3	1,600	43.2	85	3,670
1994	18.2	2,100	38.1	99	3,770
1995	28.3	1,900	53.3	131	6,980
1996	30.4	2,200	66.0	152	10,030
1997	34.4	1,800	62.2	154	9,590
1998	52.6	2,200	116.8	92	10,720
1999	32.4	2,400	76.2	67	5,080
2000	22.3	2,500	55.9	70	3,890
2001	18.2	2,100	37.7	102	3,850
2002	18.2	2,100	38.1	164	6,240
2003	20.2	2,500	50.8	129	6,570
2004	28.3	3,100	86.4	124	10,710

SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives.

TABLE 81: All Rye Continued

Year	Harvested Acres	Yield Per Acre	Production	Farm Value	
				Price Per Bushel	Total
	(000)	(bushels)	(000 bushels)	$	($000)
1960	83.0	20.0	1,660	0.87	1,444
1961	79.5	11.1	886	1.08	957
1962	119.0	25.2	3,000	1.05	3,150
1963	95.0	22.1	2,100	1.25	2,625
1964	133.0	21.1	2,800	1.05	2,940
1965	133.0	22.6	3,000	1.04	3,120
1966	100.5	23.9	2,400	1.08	2,592
1967	141.1	18.9	2,667	1.08	2,880
1968	120.0	20.8	2,500	1.00	2,500
1969	163.0	18.1	2,958	0.87	2,573
1970	130.0	21.8	2,838	0.87	2,469
1971	128.5	25.5	3,280	0.75	2,460
1972	81.5	22.5	1,830	1.31	2,397
1973	82.0	26.2	2,145	2.65	5,684
1974	102.0	24.5	2,500	2.25	5,625
1975	117.0	25.6	3,000	2.50	7,500
1976	92.0	29.3	2,700	2.13	5,750
1977	110.0	30.0	3,300	2.18	7,190
1978	125.0	31.2	3,900	2.62	10,220
1979	125.0	25.2	3,150	3.68	11,590
1980	150.0	19.6	2,940	4.34	12,760
1981	190.0	36.3	6,900	3.76	25,910
1982	230.0	36.5	8,400	2.21	18,540
1983	210.0	30.6	6,420	2.72	17,440
1984	220.0	35.0	7,710	2.36	18,210
1985	200.0	33.8	6,590	1.68	11,040
1986	72.0	31.4	2,260	1.55	3,500
1987	65.0	27.7	1,800	2.18	3,930
1988	110.0	20.0	2,200	2.67	5,870
1989	230.0	33.9	7,800	1.98	15,450
1990	180.0	34.4	6,200	1.47	9,130
1991	79.0	30.4	2,400	1.80	4,360
1992	75.0	34.7	2,600	2.00	5,220
1993	65.0	26.2	1,700	2.15	3,670
1994	45.0	33.3	1,500	2.50	3,770
1995	70.0	30.0	2,100	3.30	6,980
1996	75.0	34.7	2,600	3.85	10,030
1997	85.0	28.8	2,450	3.90	9,590
1998	130.0	35.4	4,600	2.35	10,720
1999	80.0	37.5	3,000	1.70	5,080
2000	55.0	40.0	2,200	1.80	3,890
2001	45.0	33.0	1,485	2.60	3,850
2002	45.0	33.3	1,500	4.15	6,240
2003	50.0	40.0	2,000	3.30	6,570
2004	70.0	48.6	3,400	3.15	10,710

SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives

TABLE 82: Historical Production and Value of Mixed Grains

Year	Harvested Hectares*	Yield Per Hectare	Production	Farm Value	
				Price Per Tonne	Total
	(000)	(kilograms)	(000 tonnes)	$	($000)
1960	51.0	1,600	81.5	37	2,996
1961	63.5	920	58.3	45	2,600
1962	50.2	2,035	102.1	40	4,100
1963	51.0	1,560	79.6	37	2,964
1964	51.0	1,960	100.0	41	4,116
1965	59.1	2,075	122.5	42	5,100
1966	74.5	1,875	139.7	47	6,503
1967	72.0	1,900	136.8	44	6,030
1968	72.0	2,185	157.2	38	5,929
1969	76.9	1,885	144.9	31	4,544
1970	101.2	1,855	187.8	35	6,532
1971	114.9	2,400	275.6	32	8,775
1972	117.4	2,175	255.1	53	13,500
1973	119.4	2,135	255.1	101	25,875
1974	80.9	1,515	122.5	93	11,400
1975	80.9	1,890	153.1	91	13,950
1976	68.8	2,045	140.8	77	10,833
1977	68.8	2,375	163.3	80	13,040
1978	64.7	2,395	155.1	83	12,920
1979	56.7	2,125	120.4	105	12,626
1980	48.6	1,805	87.8	130	11,395
1981	48.6	2,265	110.2	115	12,670
1982	48.6	2,685	130.6	89	11,620
1983	48.6	2,015	98.0	115	11,270
1984	44.5	2,330	104.0	127	13,210
1985	40.5	2,750	112.0	92	10,300
1986	14.2	2,585	36.7	68	2,500
1987	14.2	2,585	36.7	72	2,640
1988	10.1	1,614	16.3	121	1,970
1989	12.1	2,190	26.5	100	2,650
1990	10.9	2,430	26.5	80	2,120
1991	12.1	2,500	30.6	85	2,600
1992	8.1	3,100	25.5	86	2,180
1993	12.1	2,400	28.6	92	2,630
1994	12.1	2,400	28.6	110	3,150
1995	12.1	2,500	30.6	166	5,080
1996	10.1	2,800	28.6	147	4,200
1997	8.1	2,500	20.4	132	2,700
1998	4.0	2,600	10.2	103	1,050
1999	4.0	2,800	11.2	81	910
2000	6.1	3,000	18.4	92	1,700
2001	6.1	2,300	14.3	125	1,780
2002	8.1	2,500	20.4	144	2,940
2003	4.0	2,100	8.2	118	960
2004	2.0	3,100	6.1	90	550

* Seeded area to 1985, harvested area from 1986.
SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives.

TABLE 82: Mixed Grains Continued

Year	Harvested Acres*	Yield Per Acre	Production	Farm Value	
				Price Per Bushel	Total
	(000)	(bushels)	(000 bushels)	$	($000)
1960	126	31.7	3,994	0.75	2,996
1961	57	18.2	2,857	0.91	2,600
1962	124	40.3	5,000	0.82	4,100
1963	126	31.0	3,900	0.76	2,964
1964	126	38.9	4,900	0.84	4,116
1965	146	41.1	6,000	0.85	5,100
1966	184	37.2	6,845	0.95	6,503
1967	178	37.6	6,700	0.90	6,030
1968	178	43.3	7,700	0.77	5,929
1969	190	37.4	7,100	0.64	4,544
1970	250	36.8	9,200	0.71	6,532
1971	284	47.5	13,500	0.65	8,775
1972	290	43.1	12,500	1.08	13,500
1973	295	42.4	12,500	2.07	25,875
1974	200	30.0	6,000	1.90	11,400
1975	200	37.5	7,500	1.86	13,950
1976	170	40.6	6,900	1.57	10,833
1977	170	47.1	8,000	1.63	13,040
1978	160	47.5	7,600	1.70	12,920
1979	140	42.1	5,900	2.14	12,626
1980	120	35.8	4,300	2.65	11,395
1981	120	45.0	5,400	2.35	12,670
1982	120	53.3	6,400	1.82	11,620
1983	120	40.0	4,800	2.35	11,270
1984	110	46.4	5,100	2.59	13,210
1985	100	55.0	5,500	1.88	10,300
1986	35	51.4	1,800	1.39	2,500
1987	35	51.4	1,800	1.47	2,640
1988	25	32.0	800	2.47	1,970
1989	30	43.3	1,300	2.04	2,650
1990	27	48.1	1,300	1.65	2,120
1991	30	50.0	1,500	1.75	2,600
1992	20	62.5	1,250	1.75	2,180
1993	30	46.7	1,400	1.90	2,630
1994	30	46.7	1,400	2.25	3,150
1995	30	50.0	1,500	3.40	5,080
1996	25	56.0	1,400	3.00	4,200
1997	20	50.0	1,000	2.57	2,700
1998	10	50.0	500	2.10	1,050
1999	10	55.0	550	1.65	910
2000	15	60.0	900	1.90	1,700
2001	15	46.7	700	2.55	1,780
2002	20	50.0	1,000	2.95	2,940
2003	10	40.0	400	2.40	960
2004	5	60.0	300	2.31	550

* Seeded area to 1985, harvested area from 1986.

SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives.

TABLE 83: Historical Production and Value of Grain Corn

Year	Harvested Hectares	Yield Per Hectare	Production	Farm Value	
				Price Per Tonne	Total
	(000)	(kilograms)	(000 tonnes)	$	($000)
1960	2.2	2,045	4.5	43	193
1961	1.7	1,825	3.1	45	141
1962	1.3	2,615	3.4	45	152
1963	1.8	2,555	4.6	49	225
1964	2.0	1,600	3.2	47	150
1965	2.4	1,585	3.8	49	188
1966	1.2	2,750	3.3	58	191
1967	2.2	3,180	7.0	59	412
1968	1.0	2,500	2.5	53	132
1969	1.2	2,085	2.5	54	135
1970	1.4	2,570	3.6	58	210
1971	3.7	3,025	11.2	49	550
1972	5.3	3,360	17.8	61	1,085
1973	6.5	3,445	22.4	120	2,684
1974	2.0	2,400	4.8	145	697
1975	4.9	3,900	19.1	120	2,288
1976	6.9	4,230	29.2	119	3,473
1977	9.7	4,060	39.4	103	4,061
1978	35.6	4,140	147.3	110	16,240
1979	52.6	3,765	198.1	124	24,570
1980	56.7	3,360	190.5	134	25,500
1981	91.1	4,740	431.8	106	45,770
1982	80.9	3,140	254.0	105	26,670
1983	77.0	2,830	218.0	130	28,340
1984	73.0	3,230	236.0	140	33,040
1985	40.5	1,880	76.0	120	9,120
1986	13.8	4,420	61.0	92	5,610
1987	20.2	5,406	109.2	92	10,050
1988	34.4	3,323	114.3	133	15,200
1989	36.4	3,140	114.3	122	13,940
1990	34.4	4,799	165.1	110	18,160
1991	40.5	5,100	205.7	110	22,670
1992	12.1	2,900	35.6	92	3,280
1993	14.2	2,600	36.8	112	4,130
1994	22.3	5,200	116.8	149	17,400
1995	18.2	5,200	94.0	178	16,730
1996	28.3	5,000	142.2	143	20,330
1997	30.4	5,000	152.4	129	19,660
1998	36.4	5,900	215.9	114	24,610
1999	40.5	5,900	238.8	102	24,360
2000	52.6	5,000	264.2	110	29,060
2001	40.5	6,200	250.2	114	28,520
2002	62.7	5,900	368.3	151	55,610
2003	85.0	5,800	495.3	126	62,530
2004	4.0	4,500	17.8	110	1,960

SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives

TABLE 83: Grain Corn Continued

Year	Harvested Acres	Yield Per Acre	Production	Farm Value	
				Price Per Bushel	Total
	(000)	(bushels)	(000 bushels)	$	($000)
1960	5.5	32.5	179	1.08	193
1961	4.1	30.0	123	1.15	141
1962	3.3	40.0	132	1.15	152
1963	4.5	40.0	180	1.25	225
1964	5.0	25.0	125	1.20	150
1965	6.0	25.0	150	1.25	188
1966	2.9	44.8	130	1.47	191
1967	5.5	50.0	275	1.50	412
1968	2.5	40.0	100	1.32	132
1969	3.0	33.3	100	1.35	135
1970	3.5	40.0	140	1.50	210
1971	9.1	48.4	440	1.25	550
1972	13.0	53.8	700	1.55	1,085
1973	16.0	55.0	880	3.05	2,684
1974	5.0	38.0	190	3.67	697
1975	12.0	62.5	750	3.05	2,288
1976	17.0	67.6	1,150	3.02	3,473
1977	24.0	64.6	1,550	2.62	4,061
1978	88.0	65.9	5,800	2.80	16,240
1979	130.0	60.0	7,800	3.15	24,570
1980	140.0	53.6	7,500	3.40	25,500
1981	225.0	75.6	17,000	2.69	45,770
1982	200.0	50.0	10,000	2.67	26,670
1983	190.0	45.3	8,600	3.30	28,340
1984	180.0	51.7	9,300	3.55	33,040
1985	100.0	30.0	3,000	3.04	9,120
1986	34.0	70.6	2,400	2.34	5,610
1987	50.0	86.0	4,300	2.33	10,050
1988	85.0	52.9	4,500	3.37	15,200
1989	90.0	50.0	4,500	3.10	13,940
1990	85.0	76.5	6,500	2.79	18,160
1991	100.0	81.0	8,100	2.80	22,670
1992	30.0	46.7	1,400	2.35	3,280
1993	35.0	41.4	1,450	2.85	4,130
1994	55.0	83.6	4,600	3.80	17,400
1995	45.0	82.2	3,700	4.50	16,730
1996	70.0	80.0	5,600	3.63	20,330
1997	75.0	80.0	6,000	3.28	19,660
1998	90.0	94.4	8,500	2.90	24,610
1999	100.0	94.0	9,400	2.60	24,360
2000	130.0	80.0	10,400	2.80	29,060
2001	100.0	98.5	9,850	2.90	28,520
2002	155.0	93.5	14,500	3.85	55,610
2003	210.0	92.9	19,500	3.20	62,530
2004	10.0	70.0	700	2.79	1,960

SOURCE: Statistics Canada; Manitoba Agriculture, Food and Rural Initiatives

TABLE 84: Historical Production Value Summary of Oilseeds

Year	Canola	Flaxseed	Sunflower Seed	Soybeans*	TOTAL OILSEEDS
	thousand dollars				
1960	960	17,600	1,008		19,568
1961	648	14,190	961		15,799
1962	1,015	23,400	845		25,260
1963	1,900	26,505	1,547		29,952
1964	3,969	31,270	1,260		36,499
1965	5,880	43,578	1,584		51,042
1966	5,145	28,350	1,680		35,175
1967	4,416	17,556	1,584		23,556
1968	3,572	29,536	1,200		34,308
1969	8,400	26,214	1,870		36,484
1970	16,704	25,530	3,250		45,484
1971	25,800	12,862	7,091		45,753
1972	26,350	24,190	10,640		61,180
1973	44,968	72,580	8,750		126,298
1974	60,095	63,096	3,731		126,922
1975	63,875	55,020	6,600		125,495
1976	27,540	44,160	5,300		77,000
1977	80,640	68,250	20,125		169,015
1978	161,925	85,125	27,940		274,990
1979	151,500	124,425	50,600		326,525
1980	83,720	69,510	35,000		188,230
1981	86,650	84,500	41,980		213,130
1982	103,790	106,600	17,290		227,680
1983	152,050	95,930	12,160		260,140
1984	190,940	139,160	28,580		358,680
1985	167,000	148,140	13,570		328,710
1986	111,700	94,480	6,920		213,100
1987	140,050	78,560	8,990		227,600
1988	189,860	65,270	8,090		263,220
1989	102,180	72,320	15,940		190,440
1990	116,940	79,250	23,660		219,850
1991	187,370	51,870	28,480		267,720
1992	263,370	44,270	13,480		321,120
1993	272,960	55,010	15,120		343,090
1994	516,950	102,110	26,800		645,860
1995	451,540	119,960	15,525		587,025
1996	411,260	120,000	11,700		542,960
1997	576,310	117,350	16,660		710,320
1998	622,040	110,010	27,580	3,730	763,360
1999	392,790	55,450	24,870	700	473,810
2000	357,070	48,550	31,000	2,840	439,460
2001	351,540	61,000	37,140	9,020	458,720
2002	535,800	80,900	62,610	33,180	712,490
2003	628,000	69,440	39,280	52,260	788,790
2004	506,760	56,800	22,450	10,880	596,890

* Prior to 1998 – there was no commercial production of soybeans in Manitoba.

SOURCE: Statistics Canada; Manitoba Agriculture, Food and Rural Initiatives

TABLE 85: Historical Production and Value of Canola

Year	Harvested Hectares	Yield Per Hectare	Production	Farm Value	
				Price Per Tonne	Total
	(000)	(kilograms)	(000 tonnes)	$	($000)
1960	13.4	815	11	88	960
1961	12	690	8	79	648
1962	13	1,015	13	77	1,015
1963	18	945	17	110	1,900
1964	34	980	33	119	3,969
1965	59	925	54	108	5,880
1966	69	690	48	108	5,145
1967	59	890	52	85	4,416
1968	37	1,170	43	83	3,572
1969	79	1,000	79	106	8,400
1970	162	1,010	163	102	16,704
1971	235	1,160	272	95	25,800
1972	190	1,015	193	137	26,350
1973	162	1,080	175	256	44,968
1974	202	955	193	312	60,095
1975	304	935	284	225	63,875
1976	101	1,010	102	270	27,540
1977	202	1,435	290	278	80,640
1978	425	1,360	578	280	161,925
1979	546	1,040	567	267	151,500
1980	324	910	295	284	83,720
1981	243	1,260	306	283	86,650
1982	344	1,160	399	260	103,790
1983	384	1,030	397	383	152,050
1984	486	1,120	544	351	190,940
1985	405	1,570	635	263	167,000
1986	397	1,430	567	197	111,700
1987	393	1,445	567	247	140,050
1988	648	981	635	299	189,860
1989	445	866	386	265	102,180
1990	352	1,308	460	254	116,940
1991	508	1,600	796	235	187,370
1992	627	1,600	987	267	263,370
1993	736	1,200	907	301	272,960
1994	1,012	1,500	1,486	348	516,950
1995	941	1,300	1,227	368	451,540
1996	627	1,700	1,068	385	411,260
1997	951	1,600	1,497	385	576,310
1998	1,105	1,600	1,803	345	622,040
1999	996	1,700	1,708	230	392,790
2000	935	1,600	1,488	240	357,070
2001	761	1,500	1,134	310	351,540
2002	870	1,600	1,429	375	535,800
2003	1,008	1,700	1,769	355	628,000
2004	1,032	1,700	1,778	285	506,760

SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives

TABLE 65: Canola Continued

Year	Harvested Acres	Yield Per Acre	Production	Farm Value	
				Price Per Bushel	Total
	(000)	(bushels)	(000 bushels)	$	($000)
1960	33	14.5	480	2.00	960
1961	29	12.3	360	1.80	648
1962	32	18.0	580	1.75	1,015
1963	45	16.9	760	2.50	1,900
1964	84	17.5	1,470	2.70	3,969
1965	145	16.6	2,400	2.45	5,880
1966	170	12.4	2,100	2.45	5,145
1967	145	15.9	2,300	1.92	4,416
1968	91	20.9	1,900	1.88	3,572
1969	196	17.9	3,500	2.40	8,400
1970	400	18.0	7,200	2.32	16,704
1971	581	20.7	12,000	2.15	25,800
1972	470	18.1	8,500	3.10	26,350
1973	400	19.2	7,700	5.84	44,968
1974	500	17.0	8,500	7.07	60,095
1975	750	16.7	12,500	5.11	63,875
1976	250	18.0	4,500	6.12	27,540
1977	500	25.6	12,800	6.30	80,640
1978	1,050	24.3	25,500	6.35	161,925
1979	1,350	18.5	25,000	6.06	151,500
1980	800	16.2	13,000	6.44	83,720
1981	600	22.5	13,500	6.42	86,650
1982	850	20.7	17,600	5.90	103,790
1983	950	18.4	17,500	8.69	152,050
1984	1,200	20.0	24,000	7.96	190,940
1985	1,000	28.0	28,000	5.96	167,000
1986	980	25.5	25,000	4.47	111,700
1987	970	25.8	25,000	5.60	140,050
1988	1,600	17.5	28,000	6.78	189,860
1989	1,100	15.5	17,000	6.01	102,180
1990	870	23.3	20,300	5.76	116,940
1991	1,255	28.0	35,100	5.35	187,370
1992	1,550	28.1	43,500	6.05	263,370
1993	1,820	22.0	40,000	6.80	272,960
1994	2,500	26.2	65,500	7.90	516,950
1995	2,325	23.3	54,100	8.35	451,540
1996	1,550	30.4	47,100	8.73	411,260
1997	2,350	28.1	66,000	8.73	576,310
1998	2,730	29.1	79,500	7.82	622,040
1999	2,460	30.6	75,300	5.22	392,790
2000	2,310	28.4	65,600	5.44	357,070
2001	1,880	26.6	50,000	7.03	351,540
2002	2,150	29.3	63,000	8.50	535,800
2003	2,490	30.7	78,000	8.05	628,000
2004	2,550	30.7	78,400	6.46	506,760

SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives

TABLE 86: Historical Production and Value of Flaxseed

Year	Harvested Hectares	Yield Per Hectare	Production	Farm Value	
				Price Per Tonne	Total
	(000)	(kilograms)	(000 tonnes)	$	($000)
1960	286.0	570	162.6	108	17,600
1961	303.0	360	109.2	130	14,190
1962	270.0	735	198.1	118	23,400
1963	332.0	710	236.2	112	26,505
1964	415.0	650	269.3	116	31,270
1965	546.0	755	411.5	106	43,578
1966	448.0	595	266.7	106	28,350
1967	267.0	540	144.8	121	17,556
1968	332.0	795	264.2	112	29,536
1969	445.0	580	259.1	101	26,214
1970	445.0	655	292.1	87	25,530
1971	229.0	655	149.9	86	12,862
1972	202.0	740	149.9	161	24,190
1973	243.0	795	193.0	376	72,580
1974	283.0	590	167.6	376	63,096
1975	304.0	700	213.4	258	55,020
1976	212.0	755	160.0	276	44,160
1977	304.0	1,085	330.2	207	68,250
1978	304.0	1,045	317.5	268	85,125
1979	506.0	880	444.5	280	124,425
1980	324.0	650	210.8	331	69,510
1981	283.0	925	261.6	323	84,500
1982	364.0	1,200	436.9	244	106,600
1983	304.0	980	297.0	323	95,930
1984	425.0	1,030	439.0	317	139,160
1985	425.0	1,320	559.0	265	148,140
1986	414.8	1,317	546.1	173	94,480
1987	315.7	1,263	398.8	197	78,560
1988	259.0	696	180.3	362	65,270
1989	279.2	783	218.5	331	72,320
1990	295.4	1,290	381.0	208	79,250
1991	250.1	1,300	330.2	157	51,870
1992	133.5	1,600	208.3	213	44,270
1993	218.5	1,100	243.9	226	55,010
1994	275.2	1,400	381.0	268	102,110
1995	313.6	1,300	403.9	297	119,960
1996	228.6	1,600	358.2	335	120,000
1997	267.1	1,300	355.6	330	117,350
1998	275.2	1,300	360.7	305	110,010
1999	202.3	1,300	271.8	204	55,450
2000	174.0	1,200	205.7	236	48,550
2001	176.0	1,100	199.4	306	61,020
2002	172.0	1,200	214.6	377	80,900
2003	157.8	1,200	195.6	355	69,440
2004	105.2	1,300	132.1	430	56,800

SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives.

TABLE 86: Flaxseed Continued

Year	Harvested Acres	Yield Per Acre	Production	Farm Value	
				Price Per Bushel	Total
	(000)	(bushels)	(000 bushels)	$	($000)
1960	707	9.1	6,400	2.75	17,600
1961	748	5.7	4,300	3.70	14,190
1962	667	11.7	7,800	3.00	23,400
1963	820	11.3	9,300	2.85	26,505
1964	1,025	10.3	10,600	2.95	31,270
1965	1,350	12.0	16,200	2.69	43,578
1966	1,107	9.5	10,500	2.70	28,350
1967	660	8.6	5,700	3.08	17,556
1968	820	12.7	10,400	2.84	29,536
1969	1,100	9.3	10,200	2.57	26,214
1970	1,100	10.5	11,500	2.22	25,530
1971	566	10.4	5,900	2.18	12,862
1972	500	11.8	5,900	4.10	24,190
1973	600	12.7	7,600	9.55	72,580
1974	700	9.4	6,600	9.56	63,096
1975	750	11.2	8,400	6.55	55,020
1976	525	12.0	6,300	7.01	44,160
1977	750	17.3	13,000	5.25	68,250
1978	750	16.7	12,500	6.81	85,125
1979	1,250	14.0	17,500	7.11	124,425
1980	800	10.4	8,300	8.41	69,510
1981	700	14.7	10,300	8.20	84,500
1982	900	19.1	17,200	6.20	106,600
1983	750	15.6	11,700	8.20	95,930
1984	1,050	16.5	17,300	8.05	139,160
1985	1,050	21.0	22,000	6.73	148,140
1986	1,025	21.0	21,500	4.39	94,480
1987	780	20.1	15,700	5.00	78,560
1988	640	11.1	7,100	9.20	65,270
1989	690	12.5	8,600	8.41	72,320
1990	730	20.5	15,000	5.28	79,250
1991	618	21.0	13,000	4.00	51,870
1992	330	24.8	8,200	5.40	44,270
1993	540	17.8	9,600	5.75	55,010
1994	680	22.1	15,000	6.80	102,110
1995	775	20.5	15,900	7.50	119,960
1996	565	25.0	14,100	8.51	120,000
1997	660	21.2	14,000	8.38	117,350
1998	680	20.9	14,200	7.75	110,010
1999	500	21.4	10,700	5.18	55,450
2000	430	18.8	8,100	5.99	48,550
2001	435	18.0	7,850	7.77	61,020
2002	425	19.9	8,450	9.58	80,900
2003	390	19.7	7,700	9.02	69,440
2004	260	20.0	5,200	10.92	56,800

SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives

TABLE 67: Historical Production and Value of Sunflower Seed

Year	Harvested Hectares	Yield Per Hectare	Production	Farm Value	
				Price Per Tonne	Total
	(000)	(kilograms)	(tonnes)	$	($000)
1960	11.3	905	10,200	99	1,008
1961	12.3	790	9,700	99	961
1962	8.3	845	7,000	121	845
1963	15.0	1,060	15,900	97	1,547
1964	19.4	590	11,400	111	1,260
1965	19.4	620	12,000	132	1,584
1966	17.4	730	12,700	132	1,680
1967	17.8	900	16,000	99	1,584
1968	15.0	725	10,900	110	1,200
1969	19.4	795	15,400	121	1,870
1970	26.3	895	23,600	138	3,250
1971	62.7	840	52,700	135	7,091
1972	76.9	895	68,900	154	10,640
1973	50.6	785	39,700	220	8,750
1974	8.5	975	8,300	450	3,731
1975	25.1	1,190	29,900	221	6,600
1976	20.2	1,190	24,000	221	5,300
1977	66.8	1,190	79,400	253	20,125
1978	87.0	1,325	115,200	243	27,940
1979	153.8	1,355	208,700	242	50,600
1980	129.5	1,225	158,800	220	35,000
1981	109.3	1,455	159,000	264	41,980
1982	70.8	1,235	87,300	198	17,290
1983	36.4	1,120	40,800	298	12,160
1984	68.8	1,150	79,400	360	28,580
1985	48.6	1,210	59,000	230	13,570
1986	23.1	1,433	33,100	209	6,920
1987	28.3	1,572	44,500	202	8,990
1988	34.4	1,238	42,600	190	8,090
1989	46.5	1,355	63,000	253	15,940
1990	56.7	1,776	100,700	235	23,660
1991	73.8	1,684	124,300	229	28,480
1992	42.5	1,301	55,300	244	13,480
1993	44.5	1,061	47,200	329	15,120
1994	56.7	1,527	86,600	320	26,800
1995	26.3	1,654	43,500	350	15,525
1996	24.3	1,551	37,700	310	11,700
1997	34.4	1,380	47,600	350	16,660
1998	50.6	1,700	86,200	320	27,580
1999	50.6	1,640	82,900	300	24,870
2000	58.7	1,730	101,800	305	31,000
2001	56.7	1,640	92,900	400	37,140
2002	80.9	1,680	136,100	460	62,610
2003	87.0	1,430	124,700	315	39,280
2004	44.5	1,000	44,000	510	22,450

SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives

TABLE 87: Sunflower Seed Continued

Year	Harvested Acres	Yield Per Acre	Production	Farm Value	
				Price Per Pound	Total
	(000)	(pounds)	(000 pounds)	$	($000)
1960	28.0	800	22,400	045	1,008
1961	30.5	700	21,350	045	961
1962	20.5	749	15,360	055	845
1963	37.0	950	35,150	044	1,547
1964	48.0	525	25,200	050	1,260
1965	48.0	550	26,400	060	1,584
1966	43.1	650	28,000	060	1,680
1967	44.0	800	35,200	045	1,584
1968	37.0	650	24,000	050	1,200
1969	48.0	708	34,000	055	1,870
1970	65.0	800	52,000	0625	3,250
1971	155.0	750	116,250	061	7,091
1972	190.0	800	152,000	070	10,640
1973	125.0	700	87,500	100	8,750
1974	21.0	867	18,200	205	3,731
1975	62.0	1,065	66,000	100	6,600
1976	50.0	1,060	53,000	100	5,300
1977	165.0	1,061	175,000	115	20,125
1978	215.0	1,182	254,000	110	27,940
1979	380.0	1,211	460,000	110	50,600
1980	320.0	1,094	350,000	100	35,000
1981	270.0	1,300	350,000	120	41,980
1982	175.0	1,100	192,500	090	17,290
1983	90.0	1,000	90,000	135	12,160
1984	170.0	1,030	175,000	163	28,580
1985	120.0	1,080	130,000	100	13,570
1986	57.0	1,281	73,000	090	6,920
1987	70.0	1,400	98,000	090	8,990
1988	85.0	1,106	94,000	090	8,090
1989	115.0	1,209	139,000	115	15,940
1990	140.0	1,586	222,000	107	23,660
1991	182.4	1,502	274,000	100	28,480
1992	105.0	1,162	122,000	110	13,480
1993	110.0	945	104,000	145	15,120
1994	140.0	1,364	191,000	145	26,800
1995	65.0	1,477	96,000	159	15,525
1996	60.0	1,387	83,200	141	11,700
1997	85.0	1,235	105,000	159	16,660
1998	125.0	1,520	190,000	145	27,580
1999	125.0	1,462	182,800	136	24,870
2000	145.0	1,548	224,500	138	31,000
2001	140.0	1,462	204,700	181	37,140
2002	200.0	1,500	300,000	209	62,610
2003	215.0	1,279	275,000	143	39,280
2004	110.0	882	97,000	230	22,450

SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives.

TABLE 88: Historical Production and Value of Soybeans

Year	Harvested Hectares	Yield Per Hectare	Production	Farm Value	
				Price Per Tonne	Total
	(000)	(kilograms)	(tonnes)	$	($000)
1986	0.14			148	
1987	0.14			185	
1988	0.14			224	
1989	0.14			199	
1990	0.14			191	
1991	0.05			176	
1992	0.05			226	
1993	0.04			261	
1994	0.04			276	
1995	0.04			289	
1996	0.24			289	
1997	2.4			289	
1998	7.3	1,980	14,420	259	3,730
1999	2.0	2,040	4,080	173	700
2000	8.1	1,950	15,780	180	2,840
2001	20.2	1,800	36,700	245	9,020
2002	52.6	2,100	108,900	305	33,180
2003	89.0	1,700	149,700	349	52,260
2004	44.5	1,000	44,900	242	10,880

* Prior to 1998 – there was no commercial production of soybeans in Manitoba
SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives

TABLE 88: Soybeans Continued

Year	Harvested Acres	Yield Per Acre	Production	Farm Value	
				Price Per Bushel	Total
	(000)	(bushels)	(000 bushels)	$	($000)
1986	0.3			4.00	
1987	0.3			5.05	
1988	0.3			6.10	
1989	0.3			5.40	
1990	0.3			5.20	
1991	0.1			4.80	
1992	0.1			5.45	
1993	0.1			6.15	
1994	0.1			7.10	
1995	0.1			7.50	
1996	0.6			7.85	
1997	6			7.85	
1998	18	29.5	530	7.05	3,730
1999	5	30.5	150	4.70	700
2000	20	29.0	580	4.90	2,840
2001	50	27.0	1,350	6.70	9,020
2002	130	30.8	4,000	8.30	33,180
2003	220	25.0	5,500	9.50	52,260
2004	110	15.0	1,650	6.59	10,880

* Prior to 1998 – there was no commercial production of soybeans in Manitoba
SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives

TABLE 89: Historical Production Value Summary of Other Crops

Year	Buck-wheat	Canary Seed	Dry Beans	Dry Peas	Faba-beans	Lentils	Mustard Seed	Sugar Beets	Wild Rice	Fodder Corn	Tame Hay	Other Crops*	TOTAL
	thousand dollars												
1960	234			1,534			15	3,547		1,001	20,717		**27,048**
1961	164			1,470			184	2,430		1,188	15,820		**21,256**
1962	336			1,100			482	3,976		1,820	29,260		**36,974**
1963	435	26	10	1,610			1,010	5,791		2,114	28,005		**39,001**
1964	400	NA	NA	2,578			435	4,034		1,470	23,440		**32,357**
1965	210	9	10	1,699			1,214	4,502		1,834	26,928		**36,406**
1966	629	60	2	1,645			882	4,106		1,596	34,617		**43,537**
1967	1,050	NA	NA	1,470			1,096	4,036		980	28,000		**36,632**
1968	1,034	NA	NA	1,072			2,750	4,767		1,176	29,600		**40,399**
1969	1,138	270	10	1,402			1,020	5,937		1,099	31,350		**42,226**
1970	1,960	130	20	1,897			760	3,700	60	840	33,450		**42,817**
1971	2,400	70	120	2,100			312	6,926	250	490	34,650		**47,318**
1972	1,610	120	260	1,900	300	110	562	7,301	361	1,600	40,000		**54,124**
1973	3,375	270	390	4,620	1,700	120	2,240	9,803	439	1,980	66,000		**90,937**
1974	3,402	110	120	5,246	100	190	5,550	11,281	110	2,940	84,000		**113,049**
1975	1,462	360	340	3,375	200	40	1,812	14,374	128	4,350	92,500		**118,941**
1976	1,616	980	870	4,702	100	40	1,613	11,918	351	4,200	97,968		**124,358**
1977	6,750	1,820	260	7,425	400	600	3,780	12,523	1,512	5,250	97,500		**137,820**
1978	12,150	1,160	240	7,790	1,000	270	7,040	14,230	1,071	6,800	107,010		**158,761**
1979	4,380	900	720	8,265	1,500	2,070	2,100	19,465	1,273	7,560	117,936		**166,169**
1980	5,000	2,230	1,510	11,664	2,200	4,620	5,400	13,057	629	12,180	95,250		**153,740**
1981	17,230	5,250	4,170	19,720	2,100	7,550	7,300	16,762	706	9,560	136,080		**226,428**
1982	6,910	4,560	3,060	15,750	1,500	7,000	2,570	19,518	461	12,020	124,740		**198,089**
1983	7,648	2,380	1,930	14,960	1,700	3,500	4,090	13,229	497	7,700	119,740		**177,374**
1984	4,520	3,000	1,670	18,520	1,400	5,400	4,800	11,288	1,135	6,860	129,400		**187,993**
1985	3,680	3,000	2,990	21,310	1,000	7,100	5,250	12,967	677	7,370	136,720		**202,064**
1986	5,010	6,620	6,750	19,650	2,000	8,320	4,940	15,149	770	7,620	188,120		**264,949**
1987	5,010	2,210	5,800	27,970	2,900	12,310	2,000	17,785	940	4,390	139,340		**208,357**
1988	3,480	2,210	5,280	16,960	1,100	2,300	1,330	10,055	1,017	4,500	117,230		**165,462**
1989	4,060	5,350	3,610	13,240	1,000	5,950	2,290	15,017	900	4,530	147,340		**203,287**
1990	3,600	3,840	9,100	13,080	1,100	15,960	3,670	13,937	935	3,800	166,930		**235,952**
1991	4,050	1,330	6,600	14,430	560	20,030	1,870	15,790	1,040	5,700	127,370		**198,770**
1992	1,810	1,590	7,850	21,020	1,000	23,410	780	13,045	262	1,520	118,100		**190,387**
1993	1,080	810	6,690	15,620	740	9,720	880	11,617	64	4,340	192,820		**244,381**
1994	3,350	4,150	20,940	30,703	1,220	18,710	1,160	19,019	1,488	7,940	149,680		**258,360**
1995	4,810	5,280	25,190	30,280	1,131	12,480	820	15,852	1,024	12,210	115,000		**224,077**
1996	5,430	11,120	23,930	28,910	1,220	7,350	1,970	13,652	815	8,170	159,670		**262,237**
1997	3,280	2,990	26,280	31,490	720	1,550	2,510	0	680	7,490	94,350	2,040	**173,380**
1998	3,960	6,400	36,770	33,170	1,870	1,900	1,240	0	430	12,850	158,400	4,380	**261,370**
1999	2,620	1,850	57,150	13,240	1,070	3,660	540	0	975	5,210	173,360	9,045	**268,720**
2000	2,990	4,640	61,170	21,980	2,690	4,990	1,090	0	480	9,150	157,190	11,500	**277,870**
2001	4,020	7,630	107,87 [illegible]	27,910	1,380	860	4,090	0	990	18,670	187,790	5,450	**3o6,660**
2002	2,440	18,970	67,890	36,090	1,290	36	6,140	0	640	12,270	161,600	5,400	**332,766**
2003	1,790	11,290	73,650	23,770	1,070	1,060	3,820	0	1,004	17,250	149,230	8,800	**292,734**
2004	490	3,020	23,750	24,320	1,660	680	1,040	0	27	17,350	231,780	1,588	**305,705**

* Includes straw, hemp, triticale, safflower, borage, coriander, caraway, and other herbs, aromatics and medicinals.

SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives.

TABLE 90: Historical Production and Value of Buckwheat

Year	Harvested Hectares	Yield Per Hectare	Production	Farm Value	
				Price Per Tonne	Total
	(000)	(kilograms)	(tonnes)	$	($000)
1960	6.1	835	5,100	46	234
1961	5.3	585	3,100	53	164
1962	4.0	1,140	4,550	74	336
1963	6.1	1,075	6,550	66	435
1964	10.5	830	8,700	46	400
1965	8.1	535	4,350	48	210
1966	9.2	805	7,400	85	629
1967	18.2	630	11,450	92	1,050
1968	20.2	570	11,550	90	1,034
1969	20.2	700	14,150	80	1,138
1970	32.4	940	30,500	64	1,960
1971	32.4	1,075	34,850	69	2,400
1972	30.4	825	25,050	64	1,610
1973	26.3	745	19,600	172	3,375
1974	16.2	940	15,240	223	3,402
1975	10.1	925	9,350	156	1,462
1976	17.8	490	8,700	186	1,616
1977	32.4	1,010	32,650	207	6,750
1978	48.6	1,210	58,800	207	12,150
1979	54.6	400	21,750	201	4,380
1980	39.7	440	17,400	287	5,000
1981	50.6	900	45,700	377	17,230
1982	46.5	470	21,800	317	6,910
1983	36.4	660	23,900	320	7,648
1984	28.3	460	13,100	345	4,520
1985	12.1	880	10,700	344	3,680
1986	21.9	922	20,200	248	5,010
1987	16.2	1,247	20,200	248	5,010
1988	22.3	614	13,700	254	3,480
1989	16.2	728	11,800	344	4,060
1990	20.2	1,079	21,800	165	3,600
1991	15.7	1,100	17,400	233	4,050
1992	14.2	500	6,500	278	1,810
1993	6.1	500	2,900	372	1,080
1994	8.1	1,100	8,700	385	3,350
1995	12.1	1,100	13,700	351	4,810
1996	12.1	1,300	15,200	357	5,430
1997	10.1	1,000	9,800	335	3,280
1998	12.1	900	10,900	363	3,960
1999	10.1	900	8,700	301	2,620
2000	12.1	800	9,800	305	2,990
2001	12.1	1,000	12,500	321	4,020
2002	8.1	900	7,100	344	2,440
2003	6.1	900	5,400	332	1,790
2004	4.0	400	1,500	329	490

SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives

TABLE 90: Buckwheat Continued

Year	Harvested Acres	Yield Per Acre	Production	Farm Value	
				Price Per Bushel	Total
	(000)	(bushels)	(000 bushels)	$	($000)
1960	15.0	15.6	234	1.00	234
1961	13.2	10.8	143	1.20	164
1962	10.0	21.0	210	1.60	336
1963	15.0	20.0	300	1.50	435
1964	26.0	15.4	400	1.00	400
1965	20.0	10.0	200	1.10	210
1966	22.7	15.0	340	1.90	629
1967	45.0	11.7	525	2.00	1,050
1968	50.0	10.6	530	2.00	1,034
1969	50.0	13.0	650	1.80	1,138
1970	80.0	17.5	1,400	1.40	1,960
1971	80.0	20.0	1,600	1.50	2,400
1972	75.0	15.3	1,150	1.40	1,610
1973	65.0	13.8	900	3.80	3,375
1974	40.0	17.5	700	4.90	3,402
1975	25.0	17.2	430	3.40	1,462
1976	44.0	9.1	400	4.00	1,616
1977	80.0	18.8	1,500	4.50	6,750
1978	120.0	22.5	2,700	4.50	12,150
1979	135.0	7.4	1,000	4.40	4,380
1980	98.0	8.2	800	6.30	5,000
1981	125.0	16.8	2,100	8.20	17,230
1982	115.0	8.7	1,000	6.90	6,910
1983	90.0	12.2	1,100	7.00	7,648
1984	70.0	8.6	600	7.50	4,520
1985	30.0	16.3	490	7.50	3,680
1986	54.0	17.2	930	5.40	5,010
1987	40.0	23.3	930	5.40	5,010
1988	55.0	11.5	630	5.50	3,480
1989	40.0	13.5	540	7.50	4,060
1990	50.0	20.0	1,000	3.60	3,600
1991	38.7	20.7	800	5.10	4,050
1992	35.0	8.6	300	6.10	1,810
1993	15.0	9.0	135	8.00	1,080
1994	20.0	20.0	400	8.40	3,350
1995	30.0	21.0	630	7.70	4,810
1996	30.0	23.3	700	7.80	5,430
1997	25.0	18.0	450	7.29	3,280
1998	30.0	16.7	500	7.91	3,960
1999	25.0	16.0	400	6.55	2,620
2000	30.0	15.0	450	6.65	2,990
2001	30.0	19.2	575	6.99	4,020
2002	20.0	16.3	325	7.49	2,440
2003	15.0	16.3	250	7.22	1,790
2004	10.0	7.0	70	7.15	490

SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives

TABLE 91: Historical Production and Value of Canary Seed

Year	Harvested Hectares	Yield Per Hectare	Production	Farm Value	
				Price Per Tonne	Total
	(000)	(kilograms)	(tonnes)	$	($000)
1963	0.6	560	340	77	26
1964	NA	NA	NA	NA	NA
1965	0.1	673	80	110	9
1966	1.0	673	680	88	60
1967	NA	NA	NA	NA	NA
1968	NA	NA	NA	NA	NA
1969	2.4	1,009	2,450	110	270
1970	2.0	841	1,700	77	130
1971	0.8	1,065	860	77	70
1972	1.4	953	1,350	88	120
1973	1.8	953	1,740	154	270
1974	0.6	560	360	309	110
1975	1.6	841	1,360	265	360
1976	3.0	1,121	3,400	287	980
1977	6.1	1,233	7,480	243	1,820
1978	6.9	953	6,550	176	1,160
1979	7.0	729	5,100	176	900
1980	10.9	841	9,190	243	2,230
1981	14.2	841	11,900	441	5,250
1982	19.4	1,065	20,700	220	4,560
1983	8.9	1,278	11,400	209	2,380
1984	12.1	897	10,900	276	3,000
1985	8.1	1,345	10,900	276	3,000
1986	23.1	1,238	28,600	231	6,620
1987	10.1	1,327	13,400	165	2,210
1988	10.1	762	7,700	287	2,210
1989	14.2	1,423	20,200	265	5,350
1990	12.1	1,496	18,100	212	3,840
1991	8.1	898	7,300	182	1,330
1992	7.3	1,000	7,300	218	1,590
1993	4.0	775	3,100	260	810
1994	10.1	1,347	13,600	305	4,150
1995	10.1	1,208	12,200	433	5,280
1996	26.3	1,281	33,700	330	11,120
1997	8.1	1,140	9,200	325	2,990
1998	18.2	1,370	24,900	257	6,400
1999	6.1	1,250	7,600	244	1,850
2000	16.2	1,060	17,200	270	4,640
2001	20.2	560	11,300	675	7,630
2002	40.5	810	32,700	580	18,970
2003	24.3	1,310	31,800	355	11,290
2004	10.1	1,100	11,400	265	3,020

SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives

TABLE 91: Canary Seed Continued

Year	Harvested Acres	Yield Per Acre	Production	Farm Value	
				Price Per Pound	Total
	(000)	(pounds)	(000 pounds)	$	($000)
1963	1.5	500	800	.035	26
1964	NA	NA	NA	NA	NA
1965	0.3	600	200	.050	9
1966	2.5	600	1,500	.040	60
1967	NA	NA	NA	NA	NA
1968	NA	NA	NA	NA	NA
1969	6.0	900	5,400	.050	270
1970	5.0	750	3,800	.035	130
1971	2.0	950	1,900	.035	70
1972	3.5	850	3,000	.040	120
1973	4.5	850	3,800	.070	270
1974	1.6	500	800	.140	110
1975	4.0	750	3,000	.120	360
1976	7.5	1,000	7,500	.130	980
1977	15.0	1,100	16,500	.110	1,820
1978	17.0	850	14,500	.080	1,160
1979	17.3	650	11,200	.080	900
1980	27.0	750	20,300	.110	2,230
1981	35.0	750	26,300	.200	5,250
1982	48.0	950	45,600	.100	4,560
1983	22.0	1,140	25,100	.095	2,380
1984	30.0	800	24,000	.125	3,000
1985	20.0	1,200	24,000	.125	3,000
1986	57.0	1,105	63,000	.105	6,620
1987	25.0	1,180	29,500	.075	2,210
1988	25.0	680	17,000	.130	2,210
1989	35.0	1,271	44,500	.120	5,350
1990	30.0	1,333	40,000	.096	3,840
1991	20.1	796	16,000	.083	1,330
1992	18.0	889	16,000	.100	1,590
1993	10.0	680	6,800	.120	810
1994	25.0	1,200	30,000	.138	4,150
1995	25.0	1,080	27,000	.196	5,280
1996	65.0	1,142	74,200	.150	11,120
1997	20.0	1,010	20,200	.147	2,990
1998	45.0	1,218	54,800	.116	6,400
1999	15.0	1,113	16,700	.110	1,850
2000	40.0	950	38,000	.122	4,640
2001	50.0	500	25,000	.306	7,630
2002	100.0	720	72,000	.263	18,970
2003	60.0	1,167	70,000	.161	11,290
2004	25.0	1,004	25,100	.120	3,020

SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives.

TABLE 92: Historical Production and Value of Dry Beans

Year	Harvested Hectares	Yield Per Hectare	Production	Farm Value	
				Price Per Tonne	Total
		(kilograms)	(tonnes)	$	($000)
1963	40	1,009	40	140	10
1964	NA	NA	NA	NA	NA
1965	120	673	80	132	10
1966	30	560	10	176	2
1967	NA	NA	NA	NA	NA
1968	NA	NA	NA	NA	NA
1969	100	560	80	176	10
1970	200	560	140	176	20
1971	600	1,233	700	176	120
1972	1,200	1,233	1,500	176	260
1973	600	1,233	790	496	390
1974	500	1,009	490	243	120
1975	800	1,121	860	392	340
1976	3,000	880	2,620	331	870
1977	800	1,009	780	331	260
1978	600	1,098	670	357	240
1979	1,000	1,524	1,540	467	720
1980	2,000	1,211	2,450	617	1,510
1981	7,800	863	6,750	617	4,170
1982	8,500	1,087	9,240	331	3,060
1983	3,000	1,031	3,130	617	1,930
1984	2,800	1,233	3,440	485	1,670
1985	5,300	1,289	6,780	441	2,990
1986	4,800	1,592	7,660	882	6,750
1987	8,100	1,625	13,150	441	5,800
1988	8,900	841	7,480	705	5,280
1989	12,100	498	6,040	595	3,610
1990	17,000	1,345	22,860	397	9,100
1991	15,194	1,250	19,000	350	6,600
1992	14,400	1,200	16,700	470	7,850
1993	13,400	700	9,700	690	6,690
1994	18,200	1,900	34,000	616	20,940
1995	26,300	1,700	45,800	550	25,190
1996	26,300	1,500	38,600	620	23,930
1997	32,300	1,500	47,700	551	26,280
1998	40,400	1,800	72,100	510	36,770
1999	68,600	1,800	121,600	470	57,150
2000	93,100	1,600	147,400	415	61,170
2001	95,100	1,700	159,800	675	107,870
2002	125,500	1,800	231,300	380	87,890
2003	89,000	1,900	165,500	445	73,650
2004	44,600	860	38,500	617	23,750

SOURCE: Statistics Canada; Manitoba Agriculture, Food and Rural Initiatives

TABLE 92: Dry Beans Continued

Year	Harvested Acres	Yield Per Acre	Production	Farm Value	
				Price Per Pound	Total
	(000)	(pounds)	(000 pounds)	$	($000)
1963	0.1	900	900	063	10
1964	NA	NA	NA	NA	NA
1965	0.3	600	180	060	10
1966	0.1	500	30	080	2
1967	NA	NA	NA	NA	NA
1968	NA	NA	NA	NA	NA
1969	0.4	500	180	080	10
1970	0.6	500	300	080	20
1971	1.4	1,100	1,540	080	120
1972	3.0	1,100	3,300	080	260
1973	1.6	1,100	1,740	225	390
1974	1.2	900	1,080	110	120
1975	1.9	1,000	1,900	178	340
1976	7.4	785	5,770	150	870
1977	1.9	900	1,710	150	260
1978	1.5	980	1,470	162	240
1979	2.5	1,360	3,400	212	720
1980	5.0	1,080	5,400	280	1,510
1981	19.3	770	14,880	280	4,170
1982	21.0	970	20,370	150	3,060
1983	7.5	920	6,900	280	1,930
1984	6.9	1,100	7,590	220	1,670
1985	13.0	1,150	14,950	200	2,990
1986	11.9	1,420	16,880	400	6,750
1987	20.0	1,450	29,000	200	5,800
1988	22.0	750	16,500	320	5,280
1989	30.0	444	13,320	270	3,610
1990	42.0	1,200	50,400	180	9,100
1991	37.5	1,100	41,900	160	6,600
1992	35.0	1,060	37,000	210	7,850
1993	33.0	650	21,500	260	6,690
1994	45.0	1,670	75,000	280	20,940
1995	65.0	1,550	101,000	249	25,190
1996	65.0	1,310	85,000	281	23,930
1997	80.0	1,310	105,000	250	26,280
1998	100.0	1,590	159,000	231	36,770
1999	170.0	1,580	268,000	213	57,150
2000	230.0	1,410	325,000	188	61,170
2001	235.0	1,500	352,500	306	107,870
2002	310.0	1,650	510,000	172	87,890
2003	220.0	1,660	365,000	202	73,650
2004	110.0	770	85,000	280	23,750

SOURCE: Statistics Canada; Manitoba Agriculture, Food and Rural Initiatives

TABLE 93: Historical Production and Value of Dry Peas

Year	Harvested Hectares	Yield Per Hectare	Production	Farm Value	
				Price Per Tonne	Total
	(000)	(kilograms)	(tonnes)	$	($000)
1960	16.6	1,255	20,850	74	1,534
1961	18.9	1,010	19,050	77	1,470
1962	12.9	1,055	13,600	81	1,100
1963	15.0	1,270	19,050	85	1,610
1964	23.9	1,545	36,950	70	2,578
1965	17.2	1,495	25,700	66	1,699
1966	18.6	1,070	19,900	83	1,645
1967	12.1	1,575	19,050	77	1,470
1968	13.4	1,070	14,350	75	1,072
1969	21.0	970	20,400	69	1,402
1970	24.3	1,140	27,750	68	1,897
1971	20.5	1,595	32,650	64	2,100
1972	18.2	1,495	27,200	70	1,900
1973	14.2	1,610	22,850	202	4,620
1974	16.2	1,395	22,600	232	5,246
1975	14.2	1,435	20,400	165	3,375
1976	15.4	1,750	26,950	174	4,702
1977	22.3	1,650	36,750	202	7,425
1978	25.5	2,025	51,700	151	7,790
1979	28.3	1,825	51,700	160	8,265
1980	34.0	1,440	49,000	238	11,664
1981	40.5	1,950	78,900	250	19,720
1982	44.5	1,830	81,600	193	15,750
1983	40.5	1,680	68,000	220	14,960
1984	44.5	1,830	81,600	227	18,520
1985	40.5	2,490	101,000	211	21,310
1986	58.7	1,761	103,400	190	19,650
1987	72.8	1,981	144,200	194	27,970
1988	72.8	1,084	78,900	215	16,960
1989	46.5	1,523	70,800	187	13,240
1990	36.4	2,019	73,500	178	13,080
1991	51.6	1,600	84,400	171	14,430
1992	48.6	2,200	108,900	193	21,020
1993	60.7	1,400	85,700	182	15,620
1994	80.9	2,100	168,700	182	30,703
1995	72.8	2,000	147,000	206	30,280
1996	56.7	2,300	132,000	219	28,910
1997	82.9	2,200	178,300	177	31,490
1998	103.2	2,200	225,900	147	33,170
1999	38.4	2,400	92,000	144	13,240
2000	60.6	2,600	160,500	137	21,980
2001	60.7	2,400	146,100	191	27,910
2002	80.8	2,200	176,900	204	36,090
2003	54.6	2,500	137,400	173	23,770
2004	58.6	2,700	160,000	152	24,320

SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives.

TABLE 93: Dry Peas Continued

Year	Harvested Acres	Yield Per Acre	Production	Farm Value	
				Price Per Bushel	Total
	(000)	(bushels)	(000 bushels)	$	($000)
1960	41.0	18.7	767	2.00	1,534
1961	46.7	15.0	700	2.10	1,470
1962	31.8	15.7	500	2.20	1,100
1963	37.0	18.9	700	2.30	1,610
1964	59.0	23.0	1,357	1.90	2,578
1965	42.5	22.2	944	1.80	1,699
1966	46.0	15.9	731	2.25	1,645
1967	30.0	23.3	700	2.10	1,470
1968	33.0	16.0	528	2.03	1,072
1969	52.0	14.4	750	1.87	1,402
1970	60.0	17.0	1,020	1.86	1,897
1971	50.7	23.7	1,200	1.75	2,100
1972	45.0	22.2	1,000	1.90	1,900
1973	35.0	24.0	840	5.50	4,620
1974	40.0	20.8	830	6.32	5,246
1975	35.0	21.4	750	4.50	3,375
1976	38.0	26.1	990	4.75	4,702
1977	55.0	24.5	1,350	5.50	7,425
1978	63.0	30.2	1,900	4.10	7,790
1979	70.0	27.1	1,900	4.35	8,265
1980	84.0	21.4	1,800	6.48	11,664
1981	100.0	29.0	2,900	6.80	19,720
1982	110.0	27.3	3,000	5.25	15,750
1983	100.0	25.0	2,500	5.98	14,960
1984	110.0	27.3	3,000	6.18	18,520
1985	100.0	37.0	3,700	5.75	21,310
1986	145.0	26.2	3,800	5.17	19,650
1987	180.0	29.4	5,300	5.28	27,970
1988	180.0	16.1	2,900	5.85	16,960
1989	115.0	22.6	2,600	5.09	13,240
1990	90.0	30.0	2,700	4.84	13,080
1991	127.4	24.3	3,100	4.65	14,430
1992	120.0	33.3	4,000	5.25	21,020
1993	150.0	21.0	3,150	4.95	15,620
1994	200.0	31.0	6,200	4.95	30,703
1995	180.0	30.0	5,400	5.61	30,280
1996	140.0	34.6	4,850	5.96	28,910
1997	205.0	32.0	6,550	4.81	31,490
1998	255.0	32.5	8,300	4.00	33,170
1999	95.0	35.6	3,380	3.92	13,240
2000	150.0	39.3	5,900	3.73	21,980
2001	150.0	35.8	5,370	5.20	27,910
2002	200.0	32.5	6,500	5.55	36,090
2003	135.0	37.4	5,050	4.71	23,770
2004	145.0	40.6	5,880	4.14	24,320

SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives

TABLE 94: Historical Production and Value of Fababeans

Year	Harvested Hectares	Yield Per Hectare	Production	Farm Value	
				Price Per Tonne	Total
	(000)	(kilograms)	(tonnes)	$	($000)
1972	0.8	2,578	2,090	143	300
1973	5.3	2,242	11,790	143	1,700
1974	1.0	897	910	143	100
1975	0.8	1,681	1,360	121	200
1976	0.6	1,569	950	143	100
1977	1.2	2,578	3,130	121	400
1978	4.0	1,961	7,940	121	1,000
1979	6.5	1,513	9,800	154	1,500
1980	8.9	1,345	11,970	187	2,200
1981	4.8	2,034	9,850	209	2,100
1982	5.3	1,480	7,780	198	1,500
1983	4.0	2,242	9,070	187	1,700
1984	4.9	1,457	7,080	198	1,400
1985	4.5	1,345	5,990	163	1,000
1986	5.3	2,018	10,700	187	2,000
1987	6.5	2,690	17,420	165	2,900
1988	7.3	1,009	7,350	154	1,100
1989	6.1	897	5,440	176	1,000
1990	3.2	1,905	6,170	176	1,100
1991	1.1	2,379	2,600	216	560
1992	2.4	2,542	6,100	163	1,000
1993	2.0	1,850	3,700	201	740
1994	2.0	3,000	6,000	203	1,220
1995	4.0	1,450	5,800	195	1,131
1996	1.6	3,375	5,400	226	1,220
1997	2.0	1,700	3,400	211	720
1998	4.0	2,580	10,300	182	1,870
1999	2.8	2,320	6,500	165	1,070
2000	6.1	2,520	15,400	175	2,690
2001	4.0	1,980	7,900	175	1,380
2002	4.0	2,100	8,400	153	1,290
2003	4.0	1,650	6,600	162	1,070
2004	4.0	2,400	9,400	177	1,660

SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives

TABLE 94: Fababeans Continued

Year	Harvested Acres	Yield Per Acre	Production	Farm Value	
				Price Per Pound	Total
	(000)	(pounds)	(000 pounds)	$	($000)
1972	2.0	2,300	4,600	065	300
1973	13.0	2,000	26,000	065	1,700
1974	2.5	800	2,000	065	100
1975	2.0	1,500	3,000	055	200
1976	1.5	1,400	2,100	065	100
1977	3.0	2,300	6,900	055	400
1978	10.0	1,750	17,500	055	1,000
1979	16.0	1,350	21,600	070	1,500
1980	22.0	1,200	26,400	085	2,200
1981	12.0	1,815	21,700	095	2,100
1982	13.0	1,320	17,200	090	1,500
1983	10.0	2,000	20,000	085	1,700
1984	12.0	1,300	15,600	090	1,400
1985	11.0	1,200	13,200	074	1,000
1986	13.1	1,800	23,600	085	2,000
1987	16.0	2,400	38,400	075	2,900
1988	18.0	900	16,200	070	1,100
1989	15.0	800	12,000	080	1,000
1990	8.0	1,700	13,600	080	1,100
1991	2.7	2,111	5,700	098	560
1992	6.0	2,250	13,500	074	1,000
1993	5.0	1,640	8,200	090	740
1994	5.0	2,660	13,300	092	1,220
1995	10.0	1,270	12,700	089	1,131
1996	4.0	3,000	12,000	103	1,220
1997	5.0	1,510	7,550	095	720
1998	10.0	2,280	22,800	082	1,870
1999	7.0	2,057	14,400	075	1,070
2000	15.0	2,267	34,000	079	2,690
2001	10.0	1,750	17,500	080	1,380
2002	10.0	1,850	18,500	069	1,290
2003	10.0	1,450	14,500	073	1,070
2004	10.6	2,065	20,650	080	1,660

SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives

TABLE 95: Historical Production and Value of Lentils

Year	Harvested Hectares	Yield Per Hectare	Production	Farm Value	
				Price Per Tonne	Total
	(000)	(kilograms)	(tonnes)	$	($000)
1972	1.0	1,065	1,080	105	110
1973	0.8	897	760	154	120
1974	0.5	897	440	441	190
1975	0.2	560	110	364	40
1976	0.1	1,009	80	463	40
1977	0.7	1,121	770	772	600
1978	0.8	1,054	810	331	270
1979	6.9	616	4,270	485	2,070
1980	15.4	504	7,760	595	4,620
1981	14.2	1,054	14,920	506	7,550
1982	16.2	1,121	18,140	386	7,000
1983	10.1	1,121	11,340	309	3,500
1984	10.1	1,345	13,610	397	5,400
1985	10.1	1,480	14,970	474	7,100
1986	17.8	1,174	20,900	397	8,320
1987	24.3	1,531	37,200	331	12,310
1988	12.1	603	7,300	315	2,300
1989	12.1	1,240	15,000	397	5,950
1990	22.3	1,709	38,100	419	15,960
1991	54.0	1,184	64,000	313	20,030
1992	62.7	1,266	79,400	295	23,410
1993	32.4	744	24,100	403	9,720
1994	46.5	1,073	49,900	375	18,710
1995	20.2	1,411	28,500	438	12,480
1996	16.2	1,296	21,000	350	7,350
1997	3.2	1,660	5,300	293	1,550
1998	5.2	1,130	5,900	322	1,900
1999	6.1	1,440	8,800	415	3,660
2000	13.3	1,210	16,100	310	4,990
2001	2.4	1,420	3,400	253	860
2002	0.1	560	68	512	35
2003	1.6	1,690	2,700	381	1,060
2004	2.0	400	1,860	378	680

SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives

TABLE 95: Lentils Continued

Year	Harvested Acres	Yield Per Acre	Production	Farm Value	
				Price Per Pound	Total
	(000)	(pounds)	(000 pounds)	$	($000)
1972	2.5	950	2,400	.048	110
1973	2.1	800	1,700	.070	120
1974	1.2	800	1,000	.200	190
1975	0.5	500	300	.165	40
1976	0.2	900	200	.210	40
1977	1.7	1,000	1,700	.350	600
1978	1.9	940	1,800	.150	270
1979	17.1	550	9,400	.220	2,070
1980	38.0	450	17,100	.270	4,620
1981	35.0	940	32,900	.230	7,550
1982	40.0	1,000	40,000	.175	7,000
1983	25.0	1,000	25,000	.140	3,500
1984	25.0	1,200	30,000	.180	5,400
1985	25.0	1,320	33,000	.215	7,100
1986	44.0	1,045	46,000	.180	8,320
1987	60.0	1,367	82,000	.150	12,310
1988	30.0	533	16,000	.143	2,300
1989	30.0	1,100	33,000	.180	5,950
1990	55.0	1,527	84,000	.190	15,960
1991	133.5	1,056	141,000	.142	20,030
1992	155.0	1,129	175,000	.134	23,410
1993	80.0	665	53,200	.183	9,720
1994	115.0	957	110,000	.170	18,710
1995	50.0	1,258	62,900	.200	12,480
1996	40.0	1,160	46,400	.159	7,350
1997	8.0	1,450	11,600	.133	1,550
1998	13.0	992	12,900	.145	1,900
1999	15.0	1,292	19,380	.186	3,660
2000	33.0	1,076	35,500	.141	4,990
2001	6.0	1,250	7,500	.120	860
2002	0.3	500	150	.232	35
2003	4.0	1,500	6,000	.177	1,060
2004	7.0	586	4,100	.170	680

SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives

TABLE 96: Historical Production and Value of Mustard Seed

Year	Harvested Hectares	Yield Per Hectare	Production	Farm Value	
				Price Per Tonne	Total
	(000)	(kilograms)	(tonnes)	$	($000)
1960	0.2	710	140	105	15
1961	4.4	430	1,900	97	184
1962	6.9	710	4,900	98	482
1963	10.9	845	9,200	110	1,010
1964	4.9	795	3,900	112	435
1965	11.3	955	10,800	112	1,214
1966	12.7	615	7,800	113	882
1967	11.7	785	9,200	119	1,096
1968	26.3	945	24,900	110	2,750
1969	15.0	905	13,600	75	1,020
1970	10.1	940	9,500	81	760
1971	4.2	880	3,700	84	312
1972	6.1	935	5,700	99	562
1973	16.2	895	14,500	154	2,240
1974	16.2	840	13,600	408	5,550
1975	9.3	710	6,600	275	1,812
1976	7.3	890	6,500	248	1,613
1977	16.2	1,005	16,300	232	3,780
1978	25.1	1,155	29,000	243	7,040
1979	10.1	940	9,500	221	2,100
1980	17.8	915	16,300	331	5,400
1981	18.2	1,050	19,100	382	7,300
1982	10.1	1,060	10,700	240	2,570
1983	12.1	960	11,600	353	4,090
1984	16.2	840	13,600	353	4,800
1985	12.1	1,240	15,000	350	5,250
1986	14.2	1,211	17,200	287	4,940
1987	6.1	1,262	7,700	260	2,000
1988	6.1	984	6,000	221	1,330
1989	9.7	763	7,400	309	2,290
1990	10.1	1,307	13,200	278	3,670
1991	6.6	1,348	8,900	210	1,870
1992	2.8	1,250	3,500	223	780
1993	4.0	950	3,800	231	880
1994	4.0	1,025	4,100	284	1,160
1995	4.0	650	2,600	317	820
1996	4.4	1,114	4,900	402	1,970
1997	6.9	910	6,300	398	2,510
1998	4.0	850	3,400	364	1,240
1999	2.0	950	1,900	284	540
2000	3.6	920	3,300	332	1,090
2001	6.1	840	5,100	801	4,090
2002	12.1	830	10,000	614	6,140
2003	10.1	1,030	10,400	368	3,820
2004	3.2	800	2,700	385	1,040

SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives

TABLE 96: Mustard Seed Continued

Year	Harvested Acres	Yield Per Acre	Production	Farm Value	
				Price Per Pound	Total
	(000)	(pounds)	(000 pounds)	$	($000)
1960	0.5	700	315	.048	15
1961	10.8	383	4,100	.045	184
1962	17.0	629	10,700	.045	482
1963	27.0	748	20,200	.050	1,010
1964	12.0	725	8,700	.050	435
1965	28.0	850	23,800	.051	1,214
1966	31.5	549	17,300	.051	882
1967	29.0	700	20,300	.054	1,096
1968	65.0	846	55,000	.050	2,750
1969	37.0	810	30,000	.034	1,020
1970	25.0	840	21,000	.036	760
1971	10.3	796	8,200	.038	312
1972	15.0	833	12,500	.045	562
1973	40.0	800	32,000	.070	2,240
1974	40.0	750	30,000	.185	5,550
1975	23.0	630	14,500	.125	1,812
1976	18.0	800	14,400	.112	1,613
1977	40.0	900	36,000	.105	3,780
1978	62.0	1,032	64,000	.110	7,040
1979	25.0	840	21,000	.100	2,100
1980	44.0	818	36,000	.150	5,400
1981	45.0	930	42,000	.174	7,300
1982	25.0	940	23,500	.109	2,570
1983	30.0	850	25,500	.160	4,090
1984	40.0	750	30,000	.160	4,800
1985	30.0	1,100	33,000	.160	5,250
1986	35.0	1,086	38,000	.130	4,940
1987	15.0	1,133	17,000	.120	2,000
1988	15.0	880	13,200	.101	1,330
1989	24.0	679	16,300	.141	2,290
1990	25.0	1,160	29,000	.126	3,670
1991	16.3	1,214	19,800	.095	1,870
1992	7.0	1,114	7,800	.101	780
1993	10.0	820	8,200	.105	880
1994	10.0	900	9,000	.129	1,160
1995	10.0	580	5,800	.144	820
1996	11.0	985	10,830	.182	1,970
1997	17.0	821	13,950	.182	2,510
1998	10.0	756	7,560	.168	1,240
1999	5.0	820	4,100	.129	540
2000	9.0	806	7,250	.150	1,090
2001	15.0	750	11,250	.363	4,090
2002	30.0	733	22,000	.278	6,140
2003	25.0	912	22,800	.167	3,820
2004	8.0	738	5,900	.170	1,040

SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives.

TABLE 97: Historical Production and Value of Sugar Beets

Year	Harvested Hectares	Yield Per Hectare	Production	Farm Value*	
				Price Per Tonne	Total
		(tonnes)	(tonnes)	$	($000)
1960	10,145	23.11	234,464	15.13	3,547
1961	8,556	19.94	170,640	14.24	2,430
1962	8,727	20.45	178,473	22.28	3,976
1963	11,381	27.71	315,419	18.36	5,791
1964	12,068	21.40	258,285	15.62	4,034
1965	10,488	22.69	237,930	18.92	4,502
1966	9,326	23.79	221,840	18.51	4,106
1967	10,886	18.90	205,691	19.62	4,036
1968	11,768	23.01	270,725	17.61	4,767
1969	12,789	24.34	311,322	19.07	5,937
1970	9,317	21.05	196,084	18.87	3,700
1971	12,495	26.36	329,326	21.03	6,926
1972	11,371	26.39	300,115	24.33	7,301
1973	9,984	27.95	279,039	35.13	9,803
1974	10,899	18.44	200,938	56.14	11,281
1975	12,914	27.83	359,449	39.99	14,374
1976	12,541	27.90	349,919	34.06	11,918
1977	10,235	39.09	400,102	31.30	12,523
1978	9,575	38.93	372,800	38.17	14,230
1979	8,945	27.97	250,187	77.80	19,465
1980	9,844	23.85	234,787	55.61	13,057
1981	11,229	36.20	406,442	41.24	16,762
1982	11,234	33.14	372,271	52.43	19,518
1983	11,122	30.02	333,900	39.62	13,229
1984	10,768	30.84	332,086	33.99	11,288
1985	9,602	30.25	290,474	44.64	12,967
1986	11,016	31.74	349,693	43.32	15,149
1987	10,524	40.29	424,048	41.94	17,785
1988	9,135	24.89	227,326	44.23	10,055
1989	10,493	31.35	328,954	45.65	15,017
1990	10,926	32.17	351,506	39.65	13,937
1991	10,711	42.30	453,600	34.81	15,790
1992	9,700	34.60	335,700	38.86	13,045
1993	10,100	28.10	283,900	40.92	11,617
1994	11,300	40.40	456,300	41.68	19,019
1995	10,500	37.30	391,900	40.45	15,852
1996	9,200	35.50	326,600	41.80	13,652

* Includes deficiency payments. Values do not include stabilization payments, if any.
** Preliminary value.
NOTE: Rogers Sugar Ltd. closed the Manitoba sugar beet plant in January 1997 and no sugar beets have been produced in Manitoba since 1996.
SOURCE: Statistics Canada; Manitoba Agriculture, Food and Rural Initiatives.

TABLE 97: Sugar Beets Continued

Year	Harvested Acres	Yield Per Acre	Production	Farm Value*	
				Price Per Ton	Total
		(tons)	(tons)	$	($000)
1960	25,068	10.31	258,450	13.73	3,547
1961	21,141	8.90	188,096	12.92	2,430
1962	21,565	9.12	196,731	20.21	3,976
1963	28,123	12.36	347,686	16.66	5,791
1964	29,819	9.55	284,708	14.17	4,034
1965	25,917	10.12	262,270	17.16	4,502
1966	23,045	10.61	244,534	16.79	4,106
1967	26,899	8.43	226,733	17.80	4,036
1968	29,079	10.26	298,420	15.98	4,767
1969	31,602	10.86	343,170	17.30	5,937
1970	23,022	9.39	216,143	17.12	3,700
1971	30,876	11.76	363,016	19.08	6,926
1972	28,098	11.77	330,817	22.07	7,301
1973	24,670	12.47	307,585	31.87	9,803
1974	26,931	8.22	221,494	50.93	11,281
1975	31,912	12.41	396,221	36.28	14,374
1976	30,990	12.44	385,716	30.90	11,918
1977	25,292	17.44	441,032	28.40	12,523
1978	23,659	17.37	410,937	34.63	14,230
1979	22,103	12.48	275,781	70.58	19,465
1980	24,326	10.64	258,806	50.45	13,057
1981	27,747	16.15	448,021	37.41	16,762
1982	27,759	14.78	410,354	47.56	19,518
1983	27,484	13.39	368,058	35.94	13,229
1984	26,607	13.76	366,058	30.84	11,288
1985	23,727	13.49	320,189	40.50	12,967
1986	27,222	14.16	385,467	39.30	15,149
1987	26,006	17.98	467,428	38.05	17,785
1988	22,574	11.10	250,581	40.13	10,055
1989	25,929	13.99	362,606	41.41	15,017
1990	26,998	14.35	387,465	35.97	13,937
1991	26,468	18.90	500,000	31.58	15,790
1992	24,000	15.40	370,000	35.25	13,045
1993	25,000	12.50	313,000	37.12	11,617
1994	28,000	18.00	503,000	37.81	19,019
1995	26,000	16.60	432,000	36.70	15,852
1996	22,700	15.90	360,000	37.92	13,652

* Includes deficiency payments. Values do not include stabilization payments, if any.
** Preliminary value.
NOTE: Rogers Sugar Ltd. closed the Manitoba sugar beet plant in January 1997 and no sugar beets have been produced in Manitoba since 1996.
SOURCE: Statistics Canada; Manitoba Agriculture, Food and Rural Initiatives.

TABLE 98: Historical Production and Value of Wild Rice (green basis)

Year	Production	Producer Value	
		Price Per Kilogram	TOTAL
	(kilograms)	$	($000)
1970	67,563	0.88	60
1971	226,720	1.10	250
1972	272,598	1.32	361
1973	284,489	1.54	439
1974	62,231	1.76	110
1975	64,622	1.98	128
1976	159,383	2.20	351
1977	523,614	2.87	1,512
1978	215,022	4.98	1,071
1979	271,058	4.70	1,273
1980	452,815	1.39	629
1981	205,396	3.44	706
1982	188,243	2.45	461
1983	152,255	3.26	497
1984	282,116	3.96	1,135
1985	293,098	2.31	677
1986	388,636	1.98	770
1987	748,440	1.14	940
1988	743,904	1.36	1,017
1989	544,320	1.65	900
1990	498,960	1.87	935
1991	590,900	1.76	1,040
1992	159,000	1.65	262
1993	36,300	1.76	64
1994	1,088,600	1.37	1,488
1995	725,800	1.41	1,024
1996	476,300	1.71	815
1997	385,600	1.76	680
1998	250,000	1.72	430
1999	590,000	1.65	975
2000	293,180	1.65	480
2001	500,000	1.98	990
2002	340,000	1.87	640
2003	455,500	2.20	1,004
2004	12,340	2.20	27

SOURCE: Canada Wild Rice Council, Manitoba Conservation

TABLE 98: Wild Rice (green basis) Continued

Year	Production	Producer Value	
		Price Per Pound	TOTAL
	(pounds)	$	($000)
1970	148,950	0.40	60
1971	499,826	0.50	250
1972	600,969	0.60	361
1973	627,184	0.70	439
1974	137,194	0.80	110
1975	142,466	0.90	128
1976	351,353	1.00	351
1977	1,154,360	1.31	1,512
1978	474,037	2.26	1,071
1979	597,575	2.13	1,273
1980	998,277	0.63	629
1981	452,816	1.56	706
1982	415,000	1.11	461
1983	336,661	1.48	497
1984	630,655	1.80	1,135
1985	644,815	1.05	677
1986	855,000	0.90	770
1987	1,650,000	0.57	940
1988	1,640,000	0.62	1,017
1989	1,200,000	0.75	900
1990	1,100,000	0.85	935
1991	1,300,000	0.80	1,040
1992	350,000	0.75	262
1993	80,000	0.80	64
1994	2,400,000	0.62	1,488
1995	1,600,000	0.64	1,024
1996	1,050,000	0.78	815
1997	850,000	0.80	680
1998	550,000	0.78	430
1999	1,300,000	0.75	975
2000	645,000	0.75	480
2001	1,100,000	0.90	990
2002	750,000	0.85	640
2003	1,004,244	1.00	1,004
2004	27,153	1.00	27

SOURCE: Canada Wild Rice Council, Manitoba Conservation.

TABLE 99: Historical Production and Value of Fodder Corn

Year	Harvested Hectares	Yield Per Hectare	Production	Farm Value	
				Price Per Tonne	Total
	(000)	(tonnes)	(000 tonnes)	$	($000)
1960	10.9	11.93	130	8	1,001
1961	12.7	8.9	113	11	1,188
1962	15.6	15.1	236	8	1,820
1963	15.3	17.9	274	8	2,114
1964	19.8	11.2	222	7	1,470
1965	17.8	13.4	238	8	1,834
1966	15.0	13.8	207	8	1,596
1967	10.5	12.1	127	8	980
1968	11.9	12.8	152	8	1,176
1969	9.3	15.3	142	8	1,099
1970	8.1	13.5	109	8	840
1971	3.9	16.4	64	8	490
1972	8.9	16.3	145	11	1,600
1973	9.7	15.5	150	13	1,980
1974	11.3	16.9	191	15	2,940
1975	13.4	19.6	263	17	4,350
1976	13.4	19.0	254	17	4,200
1977	15.8	20.1	318	17	5,250
1978	17.0	21.3	363	19	6,800
1979	18.2	18.0	327	23	7,560
1980	30.4	12.5	381	32	12,180
1981	20.2	17.5	354	27	9,560
1982	31.2	15.4	481	25	12,020
1983	20.2	15.2	308	25	7,700
1984	18.2	13.5	245	28	6,860
1985	16.2	15.7	254	29	7,370
1986	12.9	21.1	272	28	7,620
1987	10.1	20.7	209	21	4,390
1988	10.1	14.4	145	31	4,500
1989	10.1	18.0	181	25	4,530
1990	8.1	22.4	181	21	3,800
1991	11.7	27.1	318	18	5,700
1992	6.1	15.6	95	16	1,520
1993	12.1	15.0	181	24	4,340
1994	12.1	26.2	318	25	7,940
1995	12.1	24.7	299	41	12,210
1996	12.1	22.5	272	30	8,170
1997	12.1	20.6	250	30	7,490
1998	16.2	28.0	454	28	12,650
1999	8.1	28.0	227	23	5,210
2000	12.1	30.0	363	25	9,150
2001	18.2	29.9	544	34	18,670
2002	16.2	22.4	363	34	12,270
2003	24.3	26.1	635	27	17,250
2004	26.3	27.6	726	24	17,350

SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives

TABLE 99: Fodder Corn Continued

Year	Harvested Acres	Yield Per Acre	Production	Farm Value	
				Price Per Ton	Total
	(000)	(tons)	(000 tons)	$	($000)
1960	26.9	5.32	143	7	1,001
1961	31.3	4.0	125	9	1,188
1962	38.5	6.7	260	7	1,820
1963	37.8	8.0	302	7	2,114
1964	49.0	5.0	245	6	1,470
1965	44.0	6.0	262	7	1,834
1966	37.1	6.2	228	7	1,596
1967	26.0	5.4	140	7	980
1968	29.5	5.7	168	7	1,176
1969	23.0	6.8	157	7	1,099
1970	20.0	6.0	120	7	840
1971	9.7	7.2	70	7	490
1972	22.0	7.3	160	10	1,600
1973	24.0	6.9	165	12	1,980
1974	28.0	7.5	210	14	2,940
1975	33.0	8.8	290	15	4,350
1976	33.0	8.5	280	15	4,200
1977	39.0	9.0	350	15	5,250
1978	42.0	9.5	400	17	6,800
1979	45.0	8.0	360	21	7,560
1980	75.0	5.6	420	29	12,180
1981	50.0	7.8	390	24	9,560
1982	77.0	6.9	530	23	12,020
1983	50.0	6.8	340	23	7,700
1984	45.0	6.0	270	25	6,860
1985	45.0	7.0	280	26	7,370
1986	32.0	9.4	300	25	7,620
1987	25.0	9.2	230	19	4,390
1988	25.0	6.4	160	28	4,500
1989	25.0	8.0	200	23	4,530
1990	20.0	10.0	200	19	3,800
1991	28.9	12.1	350	16	5,700
1992	15.0	7.0	105	14	1,520
1993	30.0	6.7	200	22	4,340
1994	30.0	11.7	350	23	7,940
1995	30.0	11.0	330	37	12,210
1996	30.0	10.0	300	27	8,170
1997	30.0	9.2	275	27	7,490
1998	40.0	12.5	500	26	12,850
1999	20.0	12.5	250	21	5,210
2000	30.0	13.3	400	23	9,150
2001	45.0	13.3	600	31	18,670
2002	40.0	10.0	400	31	12,270
2003	60.0	11.7	700	25	17,250
2004	65.0	12.3	800	22	17,350

SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives

TABLE 109: Historical Production and Value of Tame Hay

Year	Harvested Hectares	Yield Per Hectare	Production	Farm Value	
				Price Per Tonne	Total
	(000)	(tonnes)	(000 tonnes)	$	($000)
1960	380	3.83	1,457	14	20,717
1961	410	2.00	820	19	15,820
1962	420	4.51	1,896	15	29,260
1963	410	4.13	1,694	17	28,005
1964	400	3.32	1,329	18	23,440
1965	390	3.80	1,481	18	26,928
1966	430	4.43	1,903	18	34,617
1967	430	3.37	1,451	19	28,000
1968	380	3.82	1,451	20	29,600
1969	400	4.31	1,724	18	31,350
1970	470	4.30	2,023	17	33,450
1971	440	4.33	1,905	18	34,650
1972	490	3.70	1,814	22	40,000
1973	490	4.07	1,996	33	66,000
1974	510	4.27	2,177	39	84,000
1975	510	4.45	2,268	41	92,500
1976	570	4.14	2,359	42	97,968
1977	570	4.14	2,359	41	97,500
1978	570	4.62	2,631	41	107,010
1979	550	4.29	2,359	50	117,936
1980	530	2.57	1,361	70	95,250
1981	510	4.45	2,268	60	136,080
1982	510	4.45	2,268	55	124,740
1983	526	4.14	2,177	55	119,740
1984	526	3.97	2,087	62	129,400
1985	546	3.99	2,177	63	136,720
1986	581	5.32	3,084	61	188,120
1987	627	4.63	2,903	48	139,340
1988	647	2.66	1,724	68	117,230
1989	668	3.94	2,631	56	147,340
1990	716	5.07	3,629	46	166,930
1991	738	5.07	3,538	36	127,370
1992	789	4.28	3,375	35	118,100
1993	769	3.90	2,966	65	192,820
1994	789	3.80	2,994	50	149,680
1995	801	2.60	2,086	55	115,000
1996	774	3.70	2,903	55	159,670
1997	769	1.90	1,452	65	94,350
1998	801	3.60	2,880	55	158,400
1999	801	3.93	3,152	55	173,360
2000	838	3.41	2,858	55	157,190
2001	896	3.49	3,130	60	187,790
2002	820	2.63	2,155	75	161,600
2003	860	2.48	2,132	70	149,230
2004	850	3.90	3,311	70	231,780

SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives

TABLE 100: Tame Hay Continued

Year	Harvested Acres	Yield Per Acre	Production	Farm Value	
				Price Per Ton	Total
	(000)	(tons)	(000 tons)	$	($000)
1960	934	1.72	1,606	13	20,717
1961	1,004	0.90	904	17	15,820
1962	1,045	2.00	2,090	14	29,260
1963	1,020	1.83	1,867	15	28,005
1964	990	1.48	1,465	16	23,440
1965	960	1.70	1,632	16	26,928
1966	1,065	1.97	2,098	16	34,617
1967	1,052	1.52	1,600	17	28,000
1968	940	1.70	1,600	18	29,600
1969	1,000	1.90	1,900	16	31,350
1970	1,160	1.92	2,230	15	33,450
1971	1,084	1.94	2,100	16	34,650
1972	1,200	1.67	2,000	20	40,000
1973	1,200	1.83	2,200	30	66,000
1974	1,250	1.92	2,400	35	84,000
1975	1,250	2.00	2,500	37	92,500
1976	1,400	1.86	2,600	38	97,968
1977	1,400	1.86	2,600	37	97,500
1978	1,400	2.07	2,900	37	107,010
1979	1,350	1.93	2,600	45	117,936
1980	1,300	1.15	1,500	63	95,250
1981	1,250	2.00	2,500	54	136,080
1982	1,250	2.00	2,500	50	124,740
1983	1,300	1.85	2,400	50	119,740
1984	1,300	1.77	2,300	56	129,400
1985	1,350	1.78	2,400	57	136,720
1986	1,435	2.37	3,400	55	188,120
1987	1,550	2.06	3,200	40	139,340
1988	1,600	1.19	1,900	62	117,230
1989	1,650	1.76	2,900	51	147,340
1990	1,770	2.26	4,000	42	166,930
1991	1,823	2.26	3,900	33	127,370
1992	1,950	1.91	3,720	32	118,100
1993	1,900	1.70	3,270	59	192,820
1994	1,950	1.70	3,300	45	149,680
1995	1,980	1.20	2,300	50	115,000
1996	1,913	1.70	3,200	50	159,670
1997	1,900	0.80	1,600	59	94,350
1998	1,980	1.60	3,175	50	158,400
1999	1,980	1.80	3,475	50	173,360
2000	2,070	1.50	3,150	50	157,190
2001	2,215	1.60	3,450	54	187,790
2002	2,025	1.20	2,375	68	161,600
2003	2,125	1.10	2,350	64	149,230
2004	2,100	1.70	3,650	65	231,780

SOURCE: Statistics Canada; Manitoba Agriculture, Food and Rural Initiatives

TABLE 101: Historical Production Value Summary of Horticultural Crops and Forage Seeds

Year	Potatoes	Vegetables, Fruits, Ornamentals	TOTAL HORTICULTURE	Forage Seeds
	thousand dollars			
1960	2,448	9,200	11,648	1,086
1961	1,802	9,090	10,892	1,254
1962	2,989	9,330	12,319	2,105
1963	2,765	10,125	12,890	1,503
1964	7,488	9,144	16,632	1,259
1965	7,077	8,861	15,938	2,162
1966	4,899	9,078	13,977	1,762
1967	5,626	10,055	15,681	1,238
1968	5,580	9,310	14,890	571
1969	7,296	9,669	16,965	1,524
1970	6,660	9,713	16,373	1,701
1971	7,257	10,632	17,889	1,684
1972	7,500	11,280	18,780	1,542
1973	9,240	11,375	20,615 *	5,199
1974	12,887	16,614	29,501	2,625
1975	17,460	17,468	34,928	2,031
1976	13,146	19,153	32,299	3,050
1977	20,185	18,252	38,437	3,828
1978	24,548	20,285	44,833	7,488
1979	22,440	21,786	44,226	8,312
1980	33,539	25,077	58,616	4,902
1981	36,140	26,561	62,701	6,681
1982	29,981	29,155	59,136	5,025
1983	28,440	27,187	55,627	7,371
1984	34,200	37,165	71,365	5,563
1985	37,852	35,796	73,648	6,162
1986	32,442	41,460	73,902	8,184
1987	50,256	40,903	91,159	14,093
1988	33,431	38,006	71,437	13,795
1989	36,828	38,936	75,764	11,255
1990	45,526	36,287	81,813	8,210
1991	50,292	38,282	88,574	4,800
1992	51,886	47,193	99,079	3,284
1993	52,078	46,500	98,578	2,431
1994	74,070	49,560	123,630	6,248
1995	77,770	55,300	133,070	8,310
1996	110,878	56,020	166,898	13,511
1997	125,217	53,620	178,837	14,909
1998	130,000	60,720	190,720	17,720
1999	125,000	60,580	185,580	17,910
2000	140,000	71,500	211,500	19,180
2001	129,100	70,300	199,400	13,460
2002	143,560	71,370	214,930	19,930
2003	180,310	64,267	244,578*	18,198
2004	152,300	51,407	203,707	25,431

* Incomplete data, total includes previous year's values for missing data (see Table 36).
** Assumes no change from previous year's value for 2003.
SOURCE: Statistics Canada, Peak of the Market, Vegetable Growers of Manitoba, Manitoba Forage Seed Association, Manitoba Agriculture, Food and Rural Initiatives.

TABLE 102: Historical Production and Value of Potatoes

Year	Harvested Hectares*	Yield Per Hectare**	Marketings	Farm Value**	
				Price Per Tonne	Total
		(kilograms)	(tonnes)	$	($000)
1960	6,880	10,087	69,401	35.27	2,448
1961	8,215	4,236	34,791	51.81	1,802
1962	9,308	12,778	118,934	25.13	2,989
1963	8,013	11,769	94,303	29.32	2,765
1964	8,417	13,451	113,219	66.14	7,488
1965	9,065	13,115	118,889	59.52	7,077
1966	9,915	14,009	138,892	35.27	4,899
1967	10,724	12,264	131,544	42.77	5,626
1968	10,724	12,689	136,080	41.01	5,580
1969	11,736	14,684	172,368	42.33	7,296
1970	13,354	12,567	167,832	39.68	6,660
1971	13,233	14,054	185,976	39.02	7,257
1972	8,903	12,735	113,400	66.14	7,500
1973	12,140	16,440	199,584	46.30	9,240
1974	14,164	15,692	222,264	57.98	12,887
1975	12,950	15,762	204,120	85.54	17,460
1976	13,962	13,645	190,512	69.00	13,146
1977	14,974	16,661	249,480	80.90	20,185
1978	14,974	20,599	308,448	79.59	24,548
1979	14,974	18,830	281,958	79.59	22,440
1980	15,985	17,880	285,813	117.34	33,539
1981	16,552	18,830	311,669	115.96	36,140
1982	16,228	14,550	236,100	126.98	29,981
1983	16,633	12,800	212,900	133.58	28,440
1984	17,604	14,355	252,700	135.34	34,200
1985	17,240	17,440	300,700	125.88	37,852
1986	18,100	19,310	349,500	92.82	32,442
1987	18,400	19,210	353,500	142.17	50,256
1988	17,200	12,595	216,600	154.34	33,431
1989	18,600	11,735	218,300	168.70	36,828
1990	19,600	15,915	311,900	145.96	45,526
1991	18,200	17,780	323,600	155.41	50,292
1992	19,200	19,580	375,990	138.00	51,886
1993	19,400	17,280	335,280	155.30	52,078
1994	22,100	24,230	535,566	138.30	74,070
1995	24,300	19,120	464,613	167.40	77,770
1996	27,700	22,220	615,577	180.10	110,878
1997	28,500	23,655	674,171	185.70	125,217
1998	29,300	24,030	704,080	184.60	130,000
1999	29,500	22,790	672,355	185.90	125,000
2000	31,465	23,770	747,805	187.20	140,000
2001	30,570	22,085	675,125	191.20	129,100
2002	34,400	21,190	728,922	196.90	143,560
2003	41,080	22,990	944,445	190.90	180,310
2004	37,640	22,780	857,280	177.65	152,300

* Harvested area from 1985, planted area prior to 1985.
** Based on marketed production from 1982.
SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives

TABLE 102: Potatoes Continued

Year	Harvested Acres*	Yield Per Acre**	Marketings	Farm Value**	
				Price Per Cwt	Total
		(cwt)	(000 cwt)	$	($000)
1960	17,000	90.0	1,530	1.60	2,448
1961	20,300	37.8	767	2.35	1,802
1962	23,000	114.0	2,622	1.14	2,989
1963	19,800	105.0	2,079	1.33	2,765
1964	20,800	120.0	2,496	3.00	7,488
1965	22,400	117.0	2,621	2.70	7,077
1966	24,500	125.0	3,062	1.60	4,899
1967	26,500	109.4	2,900	1.94	5,626
1968	26,500	113.2	3,000	1.86	5,580
1969	29,000	131.0	3,800	1.92	7,296
1970	33,000	112.1	3,700	1.80	6,660
1971	32,700	125.4	4,100	1.77	7,257
1972	22,000	113.6	2,500	3.00	7,500
1973	30,000	146.7	4,400	2.10	9,240
1974	35,000	140.0	4,900	2.63	12,887
1975	32,000	140.6	4,500	3.88	17,460
1976	34,500	121.7	4,200	3.13	13,146
1977	37,000	148.6	5,500	3.67	20,185
1978	37,000	183.8	6,800	3.61	24,548
1979	37,000	168.0	6,216	3.61	22,440
1980	39,500	159.5	6,301	5.32	33,539
1981	40,900	168.0	6,871	5.26	36,140
1982	40,100	129.8	5,205	5.76	29,981
1983	41,100	114.2	4,693	6.06	28,440
1984	43,500	128.0	5,570	6.14	34,200
1985	42,600	155.6	6,629	5.71	37,852
1986	44,700	172.4	7,706	4.21	32,442
1987	45,500	171.3	7,794	6.45	50,256
1988	42,500	112.4	4,776	7.00	33,431
1989	46,000	104.6	4,813	7.65	36,828
1990	48,500	141.8	6,875	6.62	45,526
1991	45,000	158.6	7,135	7.05	50,292
1992	47,500	174.5	8,289	6.26	51,886
1993	48,000	154.0	7,392	7.05	52,078
1994	54,500	216.6	11,807	6.27	74,070
1995	60,000	170.7	10,243	7.59	77,770
1996	68,500	198.1	13,571	8.17	110,878
1997	70,500	210.8	14,863	8.42	125,217
1998	72,500	214.1	15,522	8.38	130,000
1999	73,000	203.1	14,823	8.43	125,000
2000	77,750	212.0	16,486	8.49	140,000
2001	75,530	197.0	14,884	8.67	129,100
2002	85,000	189.0	16,070	8.93	143,560
2003	101,500	205.0	20,821	8.66	180,310
2004	93,000	203.2	18,900	8.06	152,300

* Harvested area from 1985, planted area prior to 1985.
** Based on marketed production from 1982.
SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives.

TABLE 103: Historical Area and Marketings of Vegetables and Fruit

	1999		2000		2001		2002		2003		2004	
	Area Harvested (hectares)	Marketings (tonnes)	Area Harvested (hectares)	Marketings (tonnes)	Area Harvested (hectares)	Marketings (tonnes)	Area Harvested (hectares)	Marketings (tonnes)	Area Harvested (hectares)	Marketings (tonnes)	Area Harvested (hectares)	Marketings (tonnes)
Asparagus	45	145	47	161	49	159	47	152	X	X	X	X
Beans, green/wax	40	118	36	91	32	82	16	68	X	X	X	X
Beets	18	245	18	213	24	272	18	281	X	X	X	X
Broccoli	152	1,179	142	2,268	150	1,860	146	1,660	X	X	X	X
Cabbage (incl. Chinese)	162	4,491	186	2,495	172	4,989	170	4,989	140	2,282	X	X
Carrots*	306	8,618	299	8,165	291	8,618	297	7,938	312	7,760	281	9,526
Cauliflower	202	2,449	194	1,633	198	2,268	198	2,200	X	X	X	X
Celery (est)	49	680	49	726	51	1,678	49	1,089	X	X	X	X
Corn, sweet	283	1,406	271	2,041	324	3,175	304	1,814	212	1,422	117	737
Cucumbers & Gherkins	51	721	55	873	61	998	63	907	51	619	69	594
Garlic	*included in with Other Vegetables*											
Leeks	*included in with Other Veg.*		2	14	*incl in Other Vegetables*				2	29	2	X
Lettuce	103	907	71	1,030	54	726	59	748	X	X	X	X
Onions:												
cooking, Spanish, red, etc.	166	6,350	172	6,350	206	8,165	214	6,622				
pickling	4	50	5	29	4	64	0	0				
sets (est.)	81	590	45	318	48	726	49	653				
Onions, Dry	*included in with cooking, Spanish, red, etc.*								198	6,931	194	8,335
Onions, Green (incl. shallots)	16	594	16	885	16	680	12	703	X	X	X	X
Parsnips	18	281	22	363	20	354	20	327	X	X	X	X
Peas, green (in shell) (est.)	28	23	28	32	32	109	16	27	X	X	X	X
Peppers	12	159	18	113	24	272	16	249	16	203	X	X
Pumpkins	32	540	26	567	18	816	26	590	38	560	38	166
Radishes	18	168	18	61	19	172	16	118	X	X	X	X
Rutabagas & Turnips	10	222	12	181	11	318	24	885	X	X	X	X
Spinach	*included in with Other Vegetables*											
Squash & Zucchini	22	200	16	204	26	885	38	408	32	386	30	376
Tomatoes (est)	8	64	10	45	12	227	12	48	12	34	4	20
Other Vegetables**	32	227	28	159	32	318	95	680	682	8,713	12	NA
TOTAL VEGETABLES	**2,178**		**2,088**		**1,877**		**1,906**		**1,696**		**1,594**	
Apples	8	45	6	82	9	118	9	118	8	103	10	134
Raspberries	65	132	65	64	65	82	65	82	58	73	85	82
Saskatoons	49	59	53	64	87	136	101	159	105	165	117	395
Strawberries	202	1,157	182	680	182	680	182	680	132	492	125	468
Other Fruit	8	9	8	9	69	36	69	36	26	14	27	29
TOTAL FRUIT	**332**		**314**		**412**		**426**		**329**		**365**	

* Cleaned/washed and, in some cases, bagged product.

** Includes brussel sprouts, other Chinese vegetables, daikon, dillweed, eggplant, garlic, gourds, herbs, kale, kohlrabi, leeks, melons, parsley, rhubarb and spinach.

SOURCE: Statistics Canada, Peak of the Market, and Manitoba Agriculture, Food and Rural Initiatives.

TABLE 103: Area and Marketings of Vegetables and Fruit Continued

	1999		2000		2001		2002		2003		2004	
	Area Harvested (acres)	Marketings (000 lbs)	Area Harvested (acres)	Marketings (000 lbs)	Area Harvested (acres)	Marketings (000 lbs)	Area Harvested (acres)	Marketings (000 lbs)	Area Harvested (acres)	Marketings (000 lbs)	Area Harvested (acres)	Marketings (000 lbs)
Asparagus	110	320	115	355	120	350	115	335	X	X	X	X
Beans, green/wax	100	260	90	200	80	180	40	150	X	X	X	X
Beets	45	540	45	470	60	600	45	620	X	X	X	X
Broccoli	375	2,600	350	5,000	370	4,100	360	3,660	X	X	X	X
Cabbage (incl Chinese)	400	9,900	460	5,500	425	11,000	420	11,000	345	5,030	X	X
Carrots*	755	19,000	740	18,000	720	19,000	735	17,500	770	17,109	695	21,000
Cauliflower	500	5,400	480	3,600	490	5,000	490	4,850	X	X	X	X
Celery (est)	120	1,500	120	1,600	125	3,700	120	2,400	X	X	X	X
Corn, sweet	700	3,100	670	4,500	800	7,000	750	4,000	525	3,135	290	1,625
Cucumbers & Gherkins	125	1,590	135	1,925	150	2,200	155	2,000	125	1,365	170	1,310
Garlic	*included in with Other Vegetables*											
Leeks	5	40			*included in with Other Vegetables*				5	65	5	X
All Lettuce	255	2,000	175	2,270	134	1,600	145	1,650	X	X	X	X
Onions												
cooking, Spanish, red, etc	410	14,000	425	14,000	510	18,000	530	14,600				
pickling	10	110	13	65	10	140	0	0				
sets (est.)	200	1,300	110	700	118	1,600	120	1,440				
Onions, Dry	*	*included in with cooking, Spanish, red, etc.*							490	15,280	480	18,375
Onions, Green (incl. shallots)	40	1,530	40	1,950	40	1,500	30	1,550	X	X	X	X
Parsnips	45	620	55	800	50	780	50	720	X	X	X	X
Peas, green (in shell) (est.)	70	50	70	70	80	240	40	60	X	X	X	X
Peppers	30	350	45	250	60	600	40	550	40	447	X	X
Pumpkins	80	1,190	65	1,250	45	1,800	65	1,300	95	1,235	95	365
Radishes	45	370	45	135	48	380	40	260	X	X	X	X
Rutabagas & Turnips	25	490	30	400	27	700	60	1,950	X	X	X	X
Spinach	*included in with Other Vegetables*											
Squash Zucchini	55	440	40	450	65	1,950	95	900	80	850	75	830
Tomatoes (est)	20	140	25	100	30	500	30	105	30	75	10	45
Other Vegetables**	80	500	70	350	80	700	235	1,500	1,685	19,209	30	NA
TOTAL VEGETABLES	**5,380**		**5,160**		**4,637**		**4,710**		**4,190**		**3,940**	
Apples	20	100	15	180	22	260	22	260	20	226	25	295
Raspberries	160	290	160	140	160	180	160	180	143	160	210	180
Saskatoons	120	130	132	140	216	300	250	350	260	364	290	870
Strawberries	500	2,550	450	1,500	450	1,500	450	1,500	326	1,085	310	1,032
Other Fruit	20	20	20	20	170	80	170	80	65	30	67	64
TOTAL FRUIT	**820**		**777**		**1,018**		**1,052**		**814**		**902**	

* Cleaned/washed and, in some cases, bagged product.

** Includes brussel sprouts, dillweed, eggplant, garlic, gourds, kale, kohlrabi, daikon, other Chinese vegetables, herbs, melons, parsley, rhubarb and spinach.

SOURCE: Statistics Canada, Peak of the Market, and Manitoba Agriculture, Food and Rural Initiatives.

TABLE 104: Historical Primary Elevator Storage Capacity at or About August 1, Manitoba

Year	Number	Total Capacity		Average Elevator Capacity	
		'000 tonnes	'000 bushels**	'000 tonnes	'000 bushels**
1960*	700	1,335.1	49,057	1.9	70.1
1961*	692	1,358.0	49,897	2.0	72.1
1962	684	1,331.8	48,935	1.9	71.5
1963	678	1,333.2	48,985	2.0	72.2
1964	677	1,360.1	49,975	2.0	73.8
1965	669	1,373.6	50,470	2.1	75.4
1966	651	1,363.3	50,095	2.1	77.0
1967	645	1,373.6	50,470	2.1	78.2
1968	642	1,408.1	51,740	2.2	80.6
1969	641	1,437.0	52,800	2.2	82.4
1970	642	1,459.0	53,610	2.3	83.5
1971	616	1,427.7	52,460	2.3	85.2
1972	574	1,348.9	49,560	2.3	86.3
1973	540	1,298.5	47,710	2.4	88.4
1974	523	1,278.8	46,985	2.4	89.8
1975	502	1,257.8	46,215	2.5	92.1
1976	480	1,239.2	45,535	2.6	94.9
1977	454	1,206.6	44,335	2.7	97.7
1978	446	1,216.4	44,695	2.7	100.2
1979	417	1,177.2	43,255	2.8	103.7
1980	405	1,173.1	43,105	2.9	106.4
1981	373	1,135.5	41,720	3.0	111.8
1982	361	1,142.6	41,980	3.2	116.3
1983	364	1,157.4	42,530	3.2	116.8
1984	309	1,131.0	41,555	3.7	134.5
1985	305	1,124.5	41,320	3.7	135.5
1986	292	1,114.8	40,965	3.8	140.3
1987	288	1,106.3	40,650	3.8	141.1
1988	284	1,104.5	40,580	3.9	142.9
1989	272	1,071.9	39,385	3.9	144.8
1990	264	1,110.1	40,790	4.2	154.5
1991	258	1,094.1	40,200	4.2	155.8
1992	256	1,086.5	39,920	4.2	155.9
1993	254	1,083.7	39,820	4.3	156.8
1994	251	1,072.4	39,405	4.3	157.0
1995	236	1,072.8	39,420	4.5	167.0
1996	220	1,040.3	38,225	4.7	173.8
1997	212	1,016.6	37,355	4.8	176.2
1998	209	1,063.6	39,080	5.1	187.0
1999	208	1,168.5	42,935	5.6	206.4
2000	196	1,251.1	45,970	6.4	234.5
2001	165	1,240.1	45,565	7.5	276.2
2002	100	992.2	36,455	9.9	364.6
2003	90	963.1	35,390	10.7	393.2
2004	78	923.4	33,930	11.8	435.0

* May include non-licensed elevators.
** Wheat equivalent.
SOURCE: Canadian Grain Commission.

TABLE 105: Historical Marketings of Major Crops

Crop Year	Durum Wheat	All Wheat	Oats	Barley	SUB-TOTAL	Rye	Flaxseed	Canola	TOTAL
	thousand tonnes								
1960-61	18.6	1,289.8	166.1	332.3	**1,788.2**	33.8	130.7	9.6	**1,962.3**
1961-62	12.7	887.9	81.8	178.7	**1,148.4**	17.7	83.4	7.8	**1,257.3**
1962-63	63.5	1,693.7	494.6	273.8	**2,462.1**	67.4	168.0	11.6	**2,709.1**
1963-64	50.8	1,379.0	222.1	186.3	**1,787.4**	36.2	202.4	14.7	**2,040.7**
1964-65	41.4	1,859.4	265.1	190.1	**2,314.6**	49.7	230.1	26.9	**2,621.3**
1965-66	20.5	1,876.7	338.6	285.2	**2,500.5**	65.0	355.4	45.5	**2,966.4**
1966-67	13.5	1,780.5	212.6	312.9	**2,306.0**	51.3	232.2	39.0	**2,628.5**
1967-68	29.5	1,762.3	238.4	296.5	**2,297.2**	47.7	120.4	41.3	**2,506.6**
1968-69	43.1	1,626.0	316.2	241.9	**2,184.1**	25.1	214.2	38.1	**2,461.5**
1969-70	58.6	1,419.7	150.3	588.0	**2,158.0**	48.8	210.7	63.8	**2,481.3**
1970-71	55.7	1,017.7	208.8	633.2	**1,859.7**	57.1	236.9	137.8	**2,291.5**
1971-72	86.1	1,556.8	199.1	1,192.8	**2,948.7**	81.3	116.7	194.7	**3,341.4**
1972-73	91.8	1,768.8	218.2	1,116.8	**3,103.8**	34.5	122.5	191.1	**3,451.9**
1973-74	47.7	1,669.6	216.8	1,002.9	**2,889.3**	35.3	156.4	145.2	**3,226.2**
1974-75	46.8	1,352.4	193.3	704.7	**2,250.4**	48.6	127.8	142.9	**2,569.7**
1975-76	98.2	1,744.3	256.0	631.5	**2,631.8**	75.0	193.3	208.8	**3,108.9**
1976-77	88.8	1,918.5	259.8	974.1	**3,152.4**	65.8	122.3	128.1	**3,468.6**
1977-78	53.7	2,517.5	283.4	1,164.7	**3,965.6**	62.9	262.8	257.0	**4,548.3**
1978-79	77.2	1,913.8	115.8	1,039.2	**3,068.8**	42.2	234.0	472.5	**3,817.5**
1979-80	108.6	2,448.0	38.6	920.5	**3,407.1**	94.2	367.9	471.8	**4,341.0**
1980-81	110.5	1,902.7	42.6	994.1	**2,939.4**	72.9	213.1	274.0	**3,499.4**
1981-82	168.8	2,811.3	84.7	1,354.2	**4,250.2**	133.5	201.9	312.8	**4,898.4**
1982-83	159.9	3,479.8	84.7	1,389.7	**4,954.2**	183.3	352.9	344.8	**5,835.2**
1983-84	122.6	3,029.4	78.8	1,232.2	**4,340.4**	157.1	284.8	304.4	**5,086.7**
1984-85	145.4	3,265.7	79.5	1,327.0	**4,672.2**	136.5	364.5	474.2	**5,647.4**
1985-86	277.0	4,836.2	100.5	1,581.9	**6,518.6**	86.2	452.8	536.5	**7,594.0**
1986-87	284.6	3,455.3	84.6	1,009.5	**4,549.4**	38.8	447.1	525.8	**5,561.1**
1987-88	176.8	3,465.9	107.6	893.9	**4,467.4**	50.0	334.1	493.6	**5,345.1**
1988-89	111.2	2,288.6	94.3	646.5	**3,029.4**	50.1	189.8	544.7	**3,814.1**
1989-90	211.8	3,760.4	98.7	787.0	**4,646.1**	123.3	176.4	365.9	**5,311.8**
1990-91	277.9	5,034.6	85.7	1,073.2	**6,193.6**	86.5	256.0	410.7	**6,946.8**
1991-92	218.4	4,217.7	78.7	688.3	**4,984.7**	45.2	257.0	683.8	**5,970.7**
1992-93	111.0	4,755.1	263.7	873.0	**5,891.8**	41.2	201.5	866.1	**7,000.5**
1993-94	98.1	4,252.5	270.4	641.8	**4,064.8**	31.6	253.4	846.4	**5,196.2**
1994-95	171.4	3,172.5	375.8	570.5	**4,118.9**	36.1	341.0	1,320.4	**5,816.0**
1995-96	98.4	2,831.2	379.3	507.1	**3,717.6**	50.1	355.4	1,131.0	**5,254.1**
1996-97	122.7	3,764.7	702.6	867.5	**5,334.9**	59.2	337.2	996.9	**6,728.2**
1997-98	87.9	2,946.7	475.3	576.4	**3,998.5**	52.7	369.2	1,411.8	**5,832.1**
1998-99	165.4	2,752.1	612.2	466.4	**3,830.6**	77.5	300.6	1,579.9	**5,788.6**
1999-2000	33.1	2,814.4	715.9	409.7	**3,940.0**	72.0	210.6	1,418.5	**5,641.0**
2000-01	74.7	3,771.6	790.5	792.3	**5,354.3**	55.5	194.5	1,584.3	**7,188.7**
2001-02	54.8	3,290.2	640.1	692.3	**4,622.7**	30.9	200.0	1,072.8	**5,926.5**
2002-03	39.0	3,059.0	798.1	419.6	**4,276.6**	35.0	186.6	1,450.2	**5,948.4**
2003-04[R]	20.9	3,582.7	838.3	481.8	**4,902.8**	40.0	171.6	1,850.2	**6,964.6**
2004-05	10.3	3,267.2	799.4	367.2	**4,433.9**	65.0	118.1	1,591.1	**6,208.0**

SOURCE: Statistics Canada; Canadian Grain Commission; Manitoba Agriculture, Food and Rural Initiatives.

TABLE 105: Crop Marketings Continued

Crop Year	Durum Wheat	All Wheat	Oats	Barley	SUB-TOTAL	Rye	Flaxseed	Canola	TOTAL
	thousand bushels								
1960-61	680	47,390	10,770	15,260	**73,420**	1,330	5,140	430	**80,320**
1961-62	470	32,630	5,300	8,210	**46,140**	700	3,280	340	**50,460**
1962-63	2,330	62,230	32,070	12,580	**106,880**	2,650	6,610	510	**116,650**
1963-64	1,870	50,670	14,400	8,560	**73,630**	1,420	7,970	650	**83,670**
1964-65	1,520	68,320	17,190	8,730	**94,240**	1,960	9,060	1,190	**106,450**
1965-66	750	68,960	21,950	13,100	**104,010**	2,560	13,990	2,010	**122,570**
1966-67	500	65,420	13,790	14,370	**93,580**	2,020	9,140	1,720	**106,460**
1967-68	1,080	64,760	15,460	13,620	**93,840**	1,880	4,740	1,820	**102,280**
1968-69	1,580	59,740	20,510	11,110	**91,360**	990	8,430	1,680	**102,460**
1969-70	2,150	52,170	9,740	27,010	**88,920**	1,920	8,300	2,820	**101,960**
1970-71	2,050	37,400	13,540	29,080	**80,020**	2,250	9,330	6,080	**97,680**
1971-72	3,160	57,200	12,910	54,780	**124,890**	3,200	4,590	8,590	**141,270**
1972-73	3,370	64,990	14,150	51,300	**130,440**	1,360	4,820	8,430	**145,050**
1973-74	1,750	61,350	14,060	46,070	**121,480**	1,390	6,160	6,400	**135,430**
1974-75	1,720	49,690	12,540	32,370	**94,600**	1,910	5,030	6,300	**107,840**
1975-76	3,610	64,090	16,600	29,010	**109,700**	2,950	7,610	9,210	**129,470**
1976-77	3,260	70,490	16,850	44,740	**132,080**	2,590	4,810	5,650	**145,130**
1977-78	1,970	92,500	18,380	53,490	**164,370**	2,480	10,350	11,330	**188,530**
1978-79	2,840	70,320	7,510	47,730	**125,560**	1,660	9,210	20,830	**157,260**
1979-80	3,990	89,950	2,500	42,280	**134,730**	3,710	14,480	20,800	**173,720**
1980-81	4,060	69,910	2,760	45,660	**118,330**	2,870	8,390	12,080	**141,670**
1981-82	6,200	103,300	5,490	62,200	**170,990**	5,260	7,950	13,790	**197,990**
1982-83	5,880	127,860	5,490	63,830	**197,180**	7,220	13,890	15,200	**233,490**
1983-84	4,500	111,310	5,110	56,590	**173,010**	6,180	11,210	13,420	**203,820**
1984-85	5,340	119,990	5,150	60,950	**186,090**	5,370	14,350	20,910	**226,720**
1985-86	10,180	177,700	6,520	72,660	**256,880**	3,390	17,820	23,650	**301,740**
1986-87	10,460	126,960	5,490	46,370	**178,820**	1,530	17,600	23,180	**221,130**
1987-88	6,490	127,350	6,980	41,060	**175,390**	1,970	13,150	21,760	**212,270**
1988-89	4,090	84,090	6,110	29,690	**119,890**	1,970	7,470	24,020	**153,350**
1989-90	7,780	138,170	6,400	36,140	**180,710**	4,860	6,950	16,130	**208,650**
1990-91	10,210	184,990	5,560	49,290	**239,840**	3,410	10,080	18,110	**271,440**
1991-92	8,020	154,980	5,100	31,610	**191,690**	1,780	10,120	30,140	**233,730**
1992-93	4,080	174,720	17,100	40,100	**231,920**	1,620	7,930	38,190	**279,660**
1993-94	3,600	115,840	17,540	29,480	**162,860**	1,240	9,980	37,320	**211,400**
1994-95	6,300	116,570	24,360	26,200	**167,130**	1,420	13,420	58,200	**240,170**
1995-96	3,620	104,030	24,590	23,290	**151,910**	1,970	13,990	49,870	**217,740**
1996-97	4,510	138,330	45,570	39,840	**223,740**	2,330	13,280	43,960	**283,310**
1997-98	3,230	108,270	30,820	26,470	**165,560**	2,070	14,530	62,260	**244,420**
1998-99	6,080	101,120	39,690	21,420	**162,230**	3,050	11,830	69,660	**246,770**
1999-2000	1,220	103,420	46,420	18,820	**168,660**	2,830	8,290	62,540	**242,320**
2000-01	2,740	138,580	51,260	36,390	**226,230**	2,180	7,660	69,860	**305,930**
2001-02	2,010	120,890	41,510	31,800	**194,200**	1,220	7,880	47,300	**250,600**
2002-03	1,430	112,400	51,750	19,270	**183,420**	1,380	7,350	63,940	**256,090**
2003-04[r]	770	131,640	54,360	22,130	**208,130**	1,570	6,760	81,580	**298,040**
2004-05	380	120,050	51,840	16,860	**188,750**	2,560	4,650	70,150	**266,110**

SOURCE: Statistics Canada; Canadian Grain Commission; Manitoba Agriculture, Food and Rural Initiatives.

TABLE 106: Historical Quantities of Major Grain Stocks on Farms at July 31

Year	Wheat	Oats	Barley	Rye	Flax	Canola	TOTAL
	thousand tonnes						
1960	244.9	277.6	304.8	15.2	2.5		**845.1**
1961	353.8	323.9	239.5	7.6	5.1		**929.9**
1962	54.4	77.1	43.5	1.3	5.1		**181.4**
1963	163.3	200.5	65.3	0.8	2.5		**432.4**
1964	81.6	154.2	65.3	2.5	3.8		**307.4**
1965	190.5	246.8	43.5	10.2	2.5		**493.5**
1966	136.1	185.1	43.5	10.2	7.6		**382.5**
1967	190.5	123.4	65.3	7.6	2.5		**389.3**
1968	571.5	138.8	196.0	5.1	1.5		**912.9**
1969	1,088.6	385.6	435.5	25.4	5.1	2.3	**1,942.5**
1970	1,088.6	462.7	196.0	17.8	5.1	0.6	**1,770.8**
1971	517.1	138.8	108.9	15.2	21.6	0.0	**801.6**
1972	544.3	215.9	217.7	5.1	25.4	52.2	**1,060.6**
1973	136.1	123.4	174.2	2.5	2.5	1.1	**439.8**
1974	136.1	108.0	174.2	10.2	7.6	4.5	**440.6**
1975	54.4	61.7	65.3	15.2	15.2	6.8	**218.6**
1976	81.6	92.5	108.9	7.6	10.2	49.9	**350.7**
1977	571.5	154.2	87.1	2.5	12.7	4.5	**832.5**
1978	489.9	185.1	435.4	12.7	38.1	6.8	**1,168.0**
1979	1,115.8	123.4	544.3	50.8	66.0	65.8	**1,966.1**
1980	326.6	46.3	130.6	20.3	76.2	90.7	**690.7**
1981	55.0	30.0	65.0	8.0	13.0	46.0	**217.0**
1982	270.0	60.0	200.0	15.0	10.0	14.0	**569.0**
1983	110.0	110.0	375.0	25.0	45.0	10.0	**675.0**
1984	70.0	60.0	70.0	5.0	5.0	2.0	**212.0**
1985	40.0	50.0	70.0	10.0	3.0	5.0	**178.0**
1986	40.0	100.0	130.0	25.0	20.0	20.0	**335.0**
1987	540.0	80.0	160.0	25.0	50.0	10.0	**865.0**
1988	450.0	80.0	400.0	5.0	60.0	20.0	**1,015.0**
1989	75.0	25.0	85.0	0.0	10.0	45.0	**240.0**
1990	45.0	50.0	120.0	15.0	5.0	15.0	**250.0**
1991	480.0	90.0	170.0	35.0	75.0	10.0	**860.0**
1992	270.0	55.0	130.0	10.0	90.0	50.0	**605.0**
1993	525.0	80.0	250.0	5.0	55.0	20.0	**935.0**
1994	300.0	80.0	190.0	10.0	10.0	0.0	**590.0**
1995	90.0	80.0	170.0	5.0	15.0	20.0	**380.0**
1996	95.0	35.0	140.0	2.0	25.0	50.0	**347.0**
1997	140.0	90.0	300.0	0.0	10.0	50.0	**590.0**
1998	55.0	70.0	250.0	1.0	0.0	10.0	**386.0**
1999	90.0	150.0	250.0	30.0	25.0	80.0	**625.0**
2000	90.0	100.0	180.0	20.0	55.0	250.0	**695.0**
2001	250.0	120.0	250.0	10.0	35.0	110.0	**775.0**
2002	80.0	50.0	150.0	10.0	20.0	90.0	**400.0**
2003	55.0	70.0	150.0	5.0	15.0	50.0	**345.0**
2004	65.0	100.0	200.0	3.0	5.0	45.0	**438.0**
2005	280.0	120.0	350.0	2.0	0.0	165.0	**917.0**

SOURCE: Statistics Canada.

TABLE 106: Major Grain Stocks Continued

Year	Wheat	Oats	Barley	Rye	Flax	Canola	TOTAL
	million bushels						
1960	9.00	18.00	14.00	0.60	0.10		**41.70**
1961	13.00	21.00	11.00	0.30	0.20		**45.50**
1962	2.00	5.00	2.00	0.05	0.20		**9.25**
1963	6.00	13.00	3.00	0.03	0.10		**22.13**
1964	3.00	10.00	3.00	0.10	0.15		**16.25**
1965	7.00	16.00	2.00	0.40	0.10		**25.50**
1966	5.00	12.00	2.00	0.40	0.30		**19.70**
1967	7.00	8.00	3.00	0.30	0.10		**18.40**
1968	21.00	9.00	9.00	0.20	0.06		**39.26**
1969	40.00	25.00	20.00	1.00	0.20	0.10	**86.30**
1970	40.00	30.00	9.00	0.70	0.20	0.03	**79.93**
1971	19.00	9.00	5.00	0.60	0.85	0.00	**34.45**
1972	20.00	14.00	10.00	0.20	1.00	2.30	**47.50**
1973	5.00	8.00	8.00	0.10	0.10	0.05	**21.25**
1974	5.00	7.00	8.00	0.40	0.30	0.20	**20.90**
1975	2.00	4.00	3.00	0.60	0.60	0.30	**10.50**
1976	3.00	6.00	5.00	0.30	0.40	2.20	**16.90**
1977	21.00	10.00	4.00	0.10	0.50	0.20	**35.80**
1978	18.00	12.00	20.00	0.50	1.50	0.30	**52.30**
1979	41.00	8.00	25.00	2.00	2.60	2.90	**81.50**
1980	12.00	3.00	6.00	0.80	3.00	4.00	**28.80**
1981	2.02	1.95	2.99	0.31	0.51	2.03	**9.81**
1982	9.92	3.89	9.19	0.59	0.39	0.62	**24.60**
1983	4.04	7.13	17.22	0.98	1.77	0.44	**31.58**
1984	2.57	3.89	3.22	0.20	0.20	0.09	**10.17**
1985	1.47	3.24	3.22	0.39	0.12	0.22	**8.66**
1986	1.47	6.48	5.97	0.98	0.79	0.88	**16.57**
1987	19.84	5.19	7.35	0.98	1.97	0.44	**35.77**
1988	16.53	5.19	18.37	0.20	2.36	0.88	**43.53**
1989	2.76	1.62	3.90	0.00	0.39	1.98	**10.65**
1990	1.65	3.24	5.51	0.59	0.20	0.66	**11.86**
1991	17.64	5.84	7.81	1.38	2.95	0.44	**36.05**
1992	9.92	3.57	5.97	0.39	3.54	2.20	**25.60**
1993	19.29	5.19	11.48	0.20	2.17	0.88	**39.20**
1994	11.02	5.19	8.73	0.39	0.39	0.00	**25.72**
1995	3.31	5.19	7.81	0.20	0.59	0.88	**17.97**
1996	3.49	2.27	6.43	0.08	0.98	2.20	**15.46**
1997	5.14	5.84	13.78	0.00	0.39	2.20	**27.36**
1998	2.02	4.54	11.48	0.04	0.00	0.44	**18.52**
1999	3.31	9.73	11.48	1.18	0.98	3.53	**30.21**
2000	3.31	6.48	8.27	0.79	2.17	11.02	**32.03**
2001	9.19	7.78	11.48	0.39	1.38	4.85	**35.07**
2002	2.94	3.24	6.89	0.39	0.79	3.97	**18.22**
2003	2.02	4.54	6.89	0.20	0.59	2.20	**16.44**
2004	3.12	6.48	9.19	0.12	0.20	1.98	**21.09**
2005	10.29	7.78	16.08	0.08	0.00	7.28	**41.50**

SOURCE: Statistics Canada

TABLE 107: Historical Quantities of Grain Used On-Farm for Feed
(includes waste and dockage, excludes seed)

Crop Year	All Wheat	Oats	Barley	SUB-TOTAL	Rye	Flaxseed	Canola	TOTAL
	thousand tonnes							
1960-61	274.0	605.0	235.0	**1,114.0**				
1961-62	209.0	469.0	192.0	**870.0**				
1962-63	240.0	1,142.0	142.0	**1,524.0**				
1963-64	222.0	720.0	145.0	**1,087.0**				
1964-65	209.0	712.0	161.0	**1,082.0**				
1965-66	192.0	809.0	167.0	**1,168.0**				
1966-67	167.0	777.0	244.0	**1,188.0**				
1967-68	167.0	777.0	244.0	**1,188.0**				
1968-69	229.0	630.0	415.0	**1,274.0**				
1969-70	262.0	791.0	472.0	**1,525.0**				
1970-71	278.0	880.0	539.0	**1,697.0**				
1971-72	330.9	853.2	672.2	**1,856.3**	10.1	20.5	23.6	**1,910.5**
1972-73	403.0	672.6	704.5	**1,780.1**	12.4	39.6	51.5	**1,883.6**
1973-74	319.3	726.5	742.0	**1,787.8**	8.0	20.8	24.2	**1,840.8**
1974-75	208.4	473.4	502.5	**1,184.3**	5.8	18.9	45.2	**1,254.2**
1975-76	206.5	440.1	381.0	**1,027.6**	5.8	17.1	30.8	**1,081.3**
1976-77	264.2	580.5	438.8	**1,283.5**	4.2	21.9	17.6	**1,327.2**
1977-78	174.0	551.3	473.0	**1,198.3**	7.4	28.7	27.7	**1,262.1**
1978-79	176.4	560.2	652.4	**1,389.0**	14.9	33.4	42.5	**1,479.8**
1979-80	256.7	325.5	682.6	**1,264.8**	11.0	52.4	67.5	**1,395.7**
1980-81	125.4	226.6	558.0	**910.0**	8.1	48.3	63.9	**1,030.3**
1981-82	147.3	325.2	769.4	**1,241.9**	27.4	46.7	22.7	**1,338.7**
1982-83	205.9	368.0	745.6	**1,319.5**	13.1	35.7	55.4	**1,423.7**
1983-84	251.1	349.1	597.4	**1,197.6**	12.8	33.5	96.8	**1,340.7**
1984-85	321.8	342.8	544.8	**1,209.4**	47.2	57.8	63.6	**1,378.0**
1985-86	182.1	326.2	824.7	**1,333.0**	63.6	69.9	80.5	**1,547.1**
1986-87	299.0	371.5	745.8	**1,416.3**	16.4	54.3	48.3	**1,535.3**
1987-88	369.2	302.8	745.9	**1,417.9**	12.2	42.7	58.6	**1,531.4**
1988-89	245.3	170.6	716.2	**1,132.1**	1.9	27.5	62.0	**1,223.4**
1989-90	212.7	189.9	665.2	**1,067.8**	54.0	33.4	47.1	**1,202.2**
1990-91	189.6	199.9	786.1	**1,175.5**	47.6	43.4	50.9	**1,317.4**
1991-92	573.9	158.0	735.8	**1,467.7**	38.3	51.2	67.5	**1,624.7**
1992-93	583.0	245.1	531.7	**1,359.8**	27.6	31.0	144.9	**1,563.4**
1993-94	537.6	196.3	618.1	**1,351.9**	5.2	22.5	73.1	**1,452.7**
1994-95	565.8	260.6	732.8	**1,559.1**	4.5	20.6	138.0	**1,722.2**
1995-96	391.6	252.8	793.1	**1,437.5**	3.7	27.8	61.3	**1,530.3**
1996-97	403.9	270.2	1,032.1	**1,706.1**	5.7	23.6	64.1	**1,799.5**
1997-98	352.2	244.6	1,110.3	**1,707.0**	4.8	34.0	116.8	**1,862.7**
1998-99	299.4	309.1	1,124.8	**1,733.4**	7.7	25.3	145.6	**1,912.0**
1999-2000	179.4	154.6	828.5	**1,162.6**	12.4	23.0	112.2	**1,310.2**
2000-01	169.1	173.3	716.0	**1,058.5**	8.6	22.7	37.8	**1,127.5**
2001-02	166.5	136.8	601.1	**904.3**	5.3	6.3	74.6	**990.5**
2002-03[R]	174.3	163.0	715.0	**1,052.4**	6.3	25.7	33.8	**1,118.2**
2003-04[R]	411.0	196.3	799.9	**1,407.2**	10.3	27.4	--	**1,360.1**
2004-05	292.7	58.6	816.5	**1,167.7**	20.6	11.9	59.5	**1,259.8**

NOTE: May not add due to rounding.
SOURCE: Statistics Canada; Manitoba Agriculture, Food and Rural Initiatives.

TABLE 107: Grain Used On-Farm for Feed Continued

Crop Year	All Wheat	Oats	Barley	SUB-TOTAL	Rye	Flaxseed	Canola	TOTAL
	thousand bushels							
1960-61	10,090	39,200	10,800	60,080				
1961-62	7,690	30,430	8,840	46,950				
1962-63	8,820	74,040	6,500	89,360				
1963-64	8,160	46,710	6,640	61,500				
1964-65	7,680	46,170	7,380	61,230				
1965-66	7,060	52,460	7,660	37,170				
1966-67	6,150	50,390	11,210	67,750				
1967-68	6,030	45,740	11,610	63,380				
1968-69	8,430	40,860	19,060	68,340				
1969-70	9,630	51,300	21,700	82,630				
1970-71	10,200	57,080	24,750	92,030				
1971-72	12,160	55,320	30,870	98,350	400	810	1,040	100,600
1972-73	14,810	43,610	32,360	90,780	490	1,560	2,270	95,100
1973-74	11,730	47,110	34,080	92,920	310	820	1,070	95,120
1974-75	7,660	30,700	23,080	61,440	230	740	1,990	64,400
1975-76	7,590	28,540	17,500	53,630	230	670	1,360	55,890
1976-77	9,710	37,640	20,150	67,500	170	860	780	69,310
1977-78	6,390	35,750	21,720	63,860	290	1,130	1,220	66,500
1978-79	6,480	36,320	29,960	72,760	590	1,310	1,870	76,530
1979-80	9,430	21,110	31,350	61,890	430	2,060	2,980	67,360
1980-81	4,610	14,690	25,630	44,930	320	1,900	2,820	49,970
1981-82	5,410	21,090	35,340	61,840	1,080	1,840	1,000	65,760
1982-83	7,570	23,860	34,240	65,670	520	1,410	2,440	70,040
1983-84	9,230	22,640	27,440	59,310	500	1,320	4,270	65,400
1984-85	11,820	22,230	25,020	59,070	1,860	2,280	2,800	66,010
1985-86	6,690	21,150	37,870	65,710	2,510	2,760	3,550	74,530
1986-87	10,990	24,080	34,250	69,320	640	2,140	2,130	74,230
1987-88	13,570	19,630	34,250	67,450	480	1,680	2,590	72,200
1988-89	9,020	11,070	32,900	52,990	80	1,080	2,730	56,880
1989-90	7,820	12,310	30,560	50,690	2,120	1,310	2,080	56,200
1990-91	6,970	12,960	36,110	56,040	1,870	1,710	2,240	61,850
1991-92	21,080	10,250	33,800	65,130	1,510	2,010	2,990	71,630
1992-93	21,420	15,890	24,420	61,730	1,090	1,220	6,390	70,430
1993-94	19,750	12,720	28,390	60,860	210	880	3,220	65,170
1994-95	20,790	16,900	33,660	71,350	180	810	6,100	78,430
1995-96	14,390	16,400	36,430	67,220	150	1,100	2,700	71,160
1996-97	14,840	17,510	47,410	79,760	220	920	2,820	83,730
1997-98	12,940	15,860	51,000	79,800	190	1,340	5,140	86,480
1998-99	11,000	20,050	51,660	82,710	300	1,000	6,420	90,440
1999-2000	6,590	10,020	38,050	54,660	490	910	4,950	61,020
2000-01	6,220	11,240	32,890	50,350	340	690	1,660	53,240
2001-02	6,120	8,860	27,610	42,590	200	240	3,290	46,320
2002-03[R]	6,400	10,570	32,840	49,810	250	1,010	1,490	52,560
2003-04[R]	15,110	12,720	36,740	64,570	410	1,070	0	62,310
2004-05	10,750	3,800	37,510	52,060	810	470	2,630	55,960

NOTE: May not add due to rounding.
SOURCE: Statistics Canada; Manitoba Agriculture, Food and Rural Initiatives.

TABLE 108: Historical Quantities of Grain Used On-Farm for Seed

Crop Year	All Wheat	Oats	Barley	SUB-TOTAL	Rye	Flaxseed	Canola	TOTAL
	thousand tonnes							
1960-61	123.0	48.0	22.0	**193.0**	2.0	13.0	0.1	**208.1**
1961-62	128.0	66.0	21.0	**215.0**	4.0	11.0	0.1	**230.1**
1962-63	133.0	60.0	20.0	**213.0**	3.0	14.0	0.1	**230.1**
1963-64	143.0	60.0	17.0	**220.0**	4.0	17.0	0.3	**241.3**
1964-65	137.0	56.0	20.0	**213.0**	4.0	23.0	0.5	**240.5**
1965-66	137.0	56.0	29.0	**222.0**	3.0	19.0	0.5	**244.5**
1966-67	148.0	59.0	32.0	**239.0**	4.0	11.0	0.5	**254.5**
1967-68	143.0	58.0	39.0	**240.0**	4.0	14.0	0.3	**258.3**
1968-69	105.0	56.0	40.0	**201.0**	5.0	19.0	0.6	**225.6**
1969-70	59.0	46.0	50.0	**155.0**	4.0	19.0	1.3	**179.3**
1970-71	106.0	51.0	69.0	**226.0**	4.0	10.0	1.9	**241.9**
1971-72	99.1	42.6	73.2	**214.9**	2.5	8.9	1.7	**228.0**
1972-73	114.3	49.7	73.2	**237.2**	2.5	10.7	1.3	**251.7**
1973-74	106.7	44.1	62.1	**212.9**	3.1	10.7	1.8	**228.5**
1974-75	126.6	42.6	55.7	**224.9**	3.6	13.3	2.4	**244.2**
1975-76	144.8	44.1	53.9	**242.8**	2.8	8.0	0.8	**254.4**
1976-77	130.6	39.0	67.9	**237.5**	3.4	24.3	1.8	**267.0**
1977-78	138.8	28.4	61.0	**228.2**	3.8	13.3	3.3	**248.6**
1978-79	114.3	17.7	50.5	**182.5**	4.2	13.3	4.3	**204.3**
1979-80	125.7	21.3	73.2	**220.2**	5.2	2.2	2.5	**250.1**
1980-81	148.6	24.8	81.9	**255.3**	6.0	14.2	1.9	**277.4**
1981-82	152.4	23.1	71.4	**246.9**	7.2	12.4	2.7	**269.2**
1982-83	175.3	21.3	62.7	**259.3**	6.7	16.0	3.0	**285.0**
1983-84	169.6	23.1	64.4	**257.1**	7.0	13.3	3.8	**281.2**
1984-85	184.8	19.5	66.2	**270.5**	7.1	18.7	3.2	**299.5**
1985-86	207.7	17.3	59.4	**284.4**	2.5	19.3	3.0	**309.2**
1986-87	204.0	18.9	65.4	**288.3**	2.2	14.7	2.9	**308.1**
1987-88	200.9	21.4	57.9	**280.2**	3.5	12.0	4.8	**300.5**
1988-89	222.6	21.4	62.7	**306.7**	8.9	13.0	3.3	**331.9**
1989-90	229.1	16.4	58.6	**304.1**	5.8	13.7	2.6	**326.2**
1990-91	225.2	13.7	50.2	**289.1**	3.4	11.6	3.8	**307.9**
1991-92	224.7	20.4	42.0	**287.1**	2.5	7.0	4.8	**301.4**
1992-93	214.6	21.4	42.9	**278.9**	2.2	10.8	5.6	**297.5**
1993-94	172.2	26.8	41.1	**240.1**	1.4	13.0	7.7	**262.2**
1994-95	168.3	26.8	44.8	**239.9**	2.5	14.6	7.1	**264.1**
1995-96	176.9	37.5	57.9	**272.3**	2.5	10.7	4.7	**290.2**
1996-97	162.9	28.6	52.3	**243.8**	3.1	12.4	7.2	**266.5**
1997-98	136.3	35.7	48.5	**220.5**	3.7	13.2	8.3	**245.7**
1998-99	133.2	28.9	39.6	**201.7**	2.6	9.8	7.5	**221.6**
1999-2000	164.5	33.9	46.7	**245.1**	1.8	8.2	7.1	**262.2**
2000-01	165.3	32.5	43.7	**241.5**	1.8	8.5	5.7	**257.5**
2001-02	143.9	41.1	41.1	**226.1**	1.5	8.1	6.6	**242.3**
2002-03	146.9	36.8	41.1	**224.8**	1.8	7.3	7.5	**241.4**
2003-04[e]	138.8	30.4	40.0	**209.2**	2.5	6.6	8.6	**226.9**
2004-05	122.5	25.7	33.6	**181.8**	1.8	7.1	7.5	**198.2**

SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives.

TABLE 108: Grain Used On-Farm for Seed Continued

Crop Year	All Wheat	Oats	Barley	SUB-TOTAL	Rye	Flaxseed	Canola	TOTAL
	thousand bushels							
1960-61	4,510	3,100	1,000	8,610	90	500	4	9,204
1961-62	4,710	4,270	960	9,940	140	440	5	10,525
1962-63	4,880	3,860	900	9,640	110	550	10	10,310
1963-64	5,240	3,890	760	9,890	150	680	10	10,730
1964-65	5,020	3,630	920	9,570	150	900	20	10,640
1965-66	5,040	3,640	1,340	10,020	120	740	20	10,900
1966-67	5,450	3,810	1,490	10,750	160	440	20	11,370
1967-68	5,270	3,760	1,790	10,820	140	550	10	11,520
1968-69	3,870	3,640	1,840	9,350	190	730	30	10,300
1969-70	2,170	3,000	2,300	7,470	150	730	60	8,410
1970-71	3,900	3,320	3,150	10,370	150	380	80	10,980
1971-72	3,640	2,760	3,360	9,760	100	350	70	10,280
1972-73	4,200	3,220	3,360	10,780	100	420	60	11,360
1973-74	3,920	2,860	2,850	9,630	120	420	80	10,250
1974-75	4,650	2,760	2,560	9,970	140	520	110	10,740
1975-76	5,320	2,860	2,480	10,660	110	310	40	11,120
1976-77	4,800	2,530	3,120	10,450	130	960	80	11,620
1977-78	5,100	1,840	2,800	9,740	150	520	150	10,560
1978-79	4,200	1,150	2,320	7,670	170	520	190	8,550
1979-80	4,620	1,380	3,360	9,360	200	870	110	10,540
1980-81	5,460	1,610	3,760	10,830	240	560	80	11,710
1981-82	5,600	1,500	3,280	10,380	280	490	120	11,270
1982-83	6,440	1,380	2,880	10,700	260	630	130	11,720
1983-84	6,230	1,500	2,960	10,690	280	520	170	11,660
1984-85	6,790	1,260	3,040	11,090	280	740	140	12,250
1985-86	7,630	1,120	2,730	11,480	100	760	130	12,470
1986-87	7,500	1,230	3,000	11,730	90	580	130	12,520
1987-88	7,380	1,390	2,660	11,430	140	470	210	12,250
1988-89	8,180	1,390	2,880	12,450	350	510	150	13,450
1989-90	8,420	1,060	2,690	12,170	230	540	110	13,060
1990-91	8,270	890	2,310	11,470	130	460	170	12,230
1991-92	8,260	1,320	1,930	11,510	100	280	210	12,090
1992-93	7,890	1,390	1,970	11,250	90	430	250	12,000
1993-94	6,330	1,740	1,890	9,960	60	510	340	10,860
1994-95	6,180	1,740	2,060	9,980	100	570	310	10,970
1995-96	6,500	2,430	2,660	11,590	100	420	210	12,320
1996-97	5,990	1,850	2,400	10,240	120	490	320	11,170
1997-98	5,008	2,315	2,228	9,551	146	520	365	10,581
1998-99	4,894	1,874	1,819	8,587	102	386	330	9,405
1999-2000	6,044	2,198	2,145	10,387	71	323	315	11,096
2000-01	6,075	2,105	2,005	10,185	72	335	251	10,843
2001-02	5,285	2,665	1,890	9,840	59	319	291	10,509
2002-03[P]	5,400	2,385	1,890	9,675	70	287	331	10,363
2003-04[E]	5,100	1,970	1,835	8,905	99	260	379	9,643
2004-05	4,500	1,665	1,545	7,710	70	280	331	8,391

SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives

TABLE 109: Historical Farm Supply and Disposition of Major Crops

1998/99	Durum Wheat	All Wheat	Oats	Barley	All Rye	Flaxseed	Canola	TOTAL
	thousand tonnes							
SUPPLY								
Opening Stocks, Aug 1	5.0	55.0	70.0	250.0	1.0	0.0	10.0	386.0
Production	190.5	3,219.7	1,030.2	1,630.8	116.8	360.7	1,803.0	8,161.2
TOTAL SUPPLY	**195.5**	**3,274.7**	**1,100.2**	**1,880.8**	**117.8**	**360.7**	**1,813.0**	**8,547.2**
DISPOSITION								
Marketings	165.4	2,752.1	612.2	466.4	77.5	300.6	1,579.9	5,788.6
Seed Requirements	1.8	133.2	28.9	39.6	2.6	9.8	7.5	221.6
Feed, Waste & Dockage	18.3	299.4	309.1	1,124.8	7.7	25.3	145.6	1,912.0
Carryover, July 31	10.0	90.0	150.0	250.0	30.0	25.0	80.0	625.0
TOTAL DISPOSITION	**195.5**	**3,274.7**	**1,100.2**	**1,880.8**	**117.8**	**360.7**	**1,813.0**	**8,547.2**
	thousand bushels							
SUPPLY								
Opening Stocks, Aug 1	184	2,021	4,539	11,482	39	0	441	18,522
Production	7,000	118,300	66,800	74,900	4,600	14,200	79,500	358,298
TOTAL SUPPLY	**7,183**	**120,326**	**71,339**	**86,383**	**4,637**	**14,200**	**79,939**	**376,824**
DISPOSITION								
Marketings	6,080	101,120	39,690	21,420	3,050	11,830	69,660	246,770
Seed Requirements	66	4,894	1,874	1,819	102	386	331	9,406
Feed, Waste & Dockage	670	11,004	20,049	51,662	304	1,000	6,421	90,440
Carryover, July 31	367	3,307	9,726	11,482	1,181	984	3,527	30,208
TOTAL DISPOSITION	**7,183**	**120,326**	**71,339**	**86,383**	**4,637**	**14,200**	**79,939**	**376,824**

NOTE: May not add due to rounding.
SOURCE: Statistics Canada

1999/2000	Durum Wheat	All Wheat	Oats	Barley	All Rye	Flaxseed	Canola	TOTAL
	thousand tonnes							
SUPPLY								
Opening Stocks, Aug 1	10.0	90.0	150.0	250.0	30.0	25.0	80.0	625.0
Production	35.4	3,158.3	854.4	1,214.9	76.2	271.8	1,707.8	7,283.4
TOTAL SUPPLY	**45.4**	**3,248.3**	**1,004.4**	**1,464.9**	**106.2**	**296.8**	**1,787.8**	**7,908.4**
DISPOSITION								
Marketings	33.1	2,814.4	715.9	409.7	72.0	210.6	1,418.5	5,641.0
Seed Requirements	5.9	164.5	33.9	46.7	1.8	8.2	7.1	262.2
Feed, Waste & Dockage	6.4	179.4	154.6	828.5	12.4	23.0	112.2	1,310.2
Carryover, July 31	0.0	90.0	100.0	180.0	20.0	55.0	250.0	695.0
TOTAL DISPOSITION	**45.4**	**3,248.3**	**1,004.4**	**1,464.9**	**106.2**	**296.8**	**1,787.8**	**7,908.4**
	thousand bushels							
SUPPLY								
Opening Stocks, Aug 1	367	3,307	9,726	11,482	1,181	984	3,527	30,208
Production	1,300	116,050	55,400	55,800	3,000	10,700	75,300	316,250
TOTAL SUPPLY	**1,668**	**119,356**	**65,127**	**67,281**	**4,181**	**11,684**	**78,828**	**346,457**
DISPOSITION								
Marketings	1,220	103,420	46,420	18,820	2,830	8,290	62,540	242,320
Seed Requirements	217	6,044	2,198	2,145	71	323	313	11,094
Feed, Waste & Dockage	231	6,584	10,025	38,049	493	906	4,952	61,009
Carryover, July 31	0	3,307	6,484	8,267	787	2,165	11,023	32,034
TOTAL DISPOSITION	**1,668**	**119,356**	**65,127**	**67,281**	**4,181**	**11,684**	**78,828**	**346,457**

NOTE: May not add due to rounding.
SOURCE: Statistics Canada

TABLE 109: Supply and Disposition Continued

2000/2001	Durum Wheat	All Wheat	Oats	Barley	All Rye	Flaxseed	Canola	TOTAL
	thousand tonnes							
SUPPLY								
Opening Stocks, Aug 1	-	90.0	100.0	180.0	20.0	55.0	250.0	695.0
Production	141.5	4,266.0	1,016.3	1,622.0	55.9	205.7	1,487.8	8,653.7
TOTAL SUPPLY	**141.5**	**4,356.0**	**1,116.3**	**1,802.0**	**75.9**	**260.7**	**1,737.8**	**9,348.7**
DISPOSITION								
Marketings	74.7	3,771.6	790.5	792.3	55.5	194.5	1,584.3	7,188.7
Seed Requirements	2.3	165.3	32.5	43.7	1.8	8.5	5.7	257.5
Feed, Waste & Dockage	14.5	169.1	173.3	716.0	8.6	22.7	37.8	1,127.5
Carryover, July 31	50.0	250.0	120.0	250.0	10.0	35.0	110.0	775.0
TOTAL DISPOSITION	**141.5**	**4,356.0**	**1,116.3**	**1,802.0**	**75.9**	**260.7**	**1,737.8**	**9,348.7**
	thousand bushels							
SUPPLY								
Opening Stocks, Aug 1	0	3,307	6,484	8,267	787	2,165	11,023	32,034
Production	5,200	156,750	65,900	74,500	2,200	8,100	65,600	373,050
TOTAL SUPPLY	**5,200**	**160,057**	**72,384**	**82,767**	**2,987**	**10,265**	**76,623**	**405,084**
DISPOSITION								
Marketings	2,740	138,580	51,260	36,390	2,180	7,660	69,860	305,930
Seed Requirements	85	6,074	2,107	2,007	71	335	251	10,845
Feed, Waste & Dockage	538	6,217	11,236	32,888	343	893	1,662	53,238
Carryover, July 31	1,837	9,186	7,781	11,482	394	1,378	4,850	35,071
TOTAL DISPOSITION	**5,200**	**160,057**	**72,384**	**82,767**	**2,987**	**10,265**	**76,623**	**405,084**

Note: May not add due to rounding
SOURCE: Statistics Canada

2001/2002	Durum Wheat	All Wheat	Oats	Barley	All Rye	Flaxseed	Canola	TOTAL
	thousand tonnes							
SUPPLY								
Opening Stocks, Aug 1	50.0	250.0	120.0	250.0	10.0	35.0	110.0	775.0
Production	42.2	3,430.6	748.0	1,234.5	37.7	199.4	1,134.0	6,784.2
TOTAL SUPPLY	**92.2**	**3,680.6**	**868.0**	**1,484.5**	**47.7**	**234.4**	**1,244.0**	**7,559.2**
DISPOSITION								
Marketings	54.8	3,290.2	640.1	692.3	30.9	200.0	1,072.8	5,926.5
Seed Requirements	2.3	143.9	41.1	41.1	1.5	8.1	6.6	242.3
Feed, Waste & Dockage	25.1	166.5	136.8	601.1	5.3	6.3	74.6	990.4
Carryover, July 31	10.0	80.0	50.0	150.0	10.0	20.0	90.0	400.0
TOTAL DISPOSITION	**92.2**	**3,680.6**	**868.0**	**1,484.5**	**47.7**	**234.4**	**1,244.0**	**7,559.2**
	thousand bushels							
SUPPLY								
Opening Stocks, Aug 1	1,837	9,186	7,781	11,482	394	1,378	4,850	35,071
Production	1,550	126,050	48,500	56,700	1,480	7,850	50,000	290,580
TOTAL SUPPLY	**3,387**	**135,236**	**56,281**	**68,182**	**1,874**	**9,228**	**54,850**	**325,651**
DISPOSITION								
Marketings	2,010	120,890	41,510	31,800	1,220	7,880	47,300	250,600
Seed Requirements	85	5,287	2,665	1,888	59	319	291	10,509
Feed, Waste & Dockage	925	6,119	8,864	27,605	201	242	3,291	46,322
Carryover, July 31	367	2,940	3,242	6,889	394	787	3,968	18,220
TOTAL DISPOSITION	**3,387**	**135,236**	**56,281**	**68,182**	**1,874**	**9,228**	**54,850**	**325,651**

Note: May not add due to rounding
SOURCE: Statistics Canada

TABLE 109: Supply and Disposition Continued

2002/2003	Durum Wheat	All Wheat	Oats	Barley	All Rye	Flaxseed	Canola	TOTAL
	thousand tonnes							
SUPPLY								
Opening Stocks, Aug 1	10.0	80.0	50.0	150.0	10.0	20.0	90.0	400.0
Production	39.5	3,355.2	1,017.9	1,175.7	38.1	214.6	1,451.5	7,253.0
TOTAL SUPPLY	**49.5**	**3,435.2**	**1,067.9**	**1,325.7**	**48.1**	**234.6**	**1,541.5**	**7,653.0**
DISPOSITION								
Marketings	39.0	3,059.0	798.1	419.6	35.0	186.6	1,450.2	5,948.4
Seed Requirements	1.6	146.9	36.8	41.1	1.8	7.3	7.5	241.4
Feed, Waste & Dockage	3.9	174.3	163.0	715.0	6.3	25.7	33.8	1,118.2
Carryover, July 31	5.0	55.0	70.0	150.0	5.0	15.0	50.0	345.0
TOTAL DISPOSITION	**49.5**	**3,435.2**	**1,067.9**	**1,325.7**	**48.1**	**234.6**	**1,541.5**	**7,653.0**
	thousand bushels							
SUPPLY								
Opening Stocks, Aug 1	367	2,940	3,242	6,889	394	737	3,968	18,220
Production	1,450	123,280	66,000	54,000	1,500	8,450	64,000	317,230
TOTAL SUPPLY	**1,817**	**126,220**	**69,242**	**60,889**	**1,894**	**9,237**	**67,968**	**335,450**
DISPOSITION								
Marketings	1,430	112,400	51,750	19,270	1,380	7,350	63,940	256,090
Seed Requirements	59	5,398	2,386	1,888	71	287	331	10,360
Feed, Waste & Dockage	145	6,401	10,567	32,842	246	1,009	1,493	52,559
Carryover, July 31	184	2,021	4,539	6,889	197	591	2,205	16,441
TOTAL DISPOSITION	**1,817**	**126,220**	**69,242**	**60,889**	**1,894**	**9,237**	**67,968**	**335,450**

Note: May not add due to rounding
SOURCE: Statistics Canada

2003/2004	Durum Wheat	All Wheat	Oats	Barley	All Rye	Flaxseed	Canola	TOTAL
	thousand tonnes							
SUPPLY								
Opening Stocks, Aug 1	5.0	55.0	70.0	150.0	5.0	15.0	50.0	345.0
Production	34.0	4,162.5	1,095.0	1,371.7	50.8	195.6	1,769.0	8,644.6
TOTAL SUPPLY	**39.0**	**4,217.5**	**1,165.0**	**1,521.7**	**55.8**	**210.6**	**1,819.0**	**8,989.6**
DISPOSITION								
Marketings	20.9	3,582.7	838.3	481.8	40.0	171.6	1,850.2	6,964.6
Seed Requirements	0.5	138.8	30.4	40.0	2.5	6.6	8.6	226.9
Feed, Waste & Dockage	12.6	411.0	196.3	799.9	10.3	27.4	-84.8	1,360.1
Carryover, July 31	5.0	85.0	100.0	200.0	3.0	5.0	45.0	438.0
TOTAL DISPOSITION	**39.0**	**4,217.5**	**1,165.0**	**1,521.7**	**55.8**	**210.6**	**1,819.0**	**8,989.6**
	thousand bushels							
SUPPLY								
Opening Stocks, Aug 1	184	2,021	4,539	6,889	197	591	2,205	16,441
Production	1,250	152,950	71,000	63,000	2,000	7,700	77,999	374,649
TOTAL SUPPLY	**1,434**	**154,971**	**75,539**	**69,889**	**2,197**	**8,291**	**80,203**	**391,090**
DISPOSITION								
Marketings	770	131,640	54,360	22,130	1,570	6,760	81,580	298,040
Seed Requirements	18	5,100	1,970	1,835	99	260	379	9,643
Feed, Waste & Dockage	462	15,108	12,725	36,739	410	1,074	-3,740	62,315
Carryover, July 31	184	3,123	6,484	9,185	118	197	1,984	21,092
TOTAL DISPOSITION	**1,434**	**154,971**	**75,539**	**69,889**	**2,197**	**8,291**	**80,203**	**391,090**

Note: May not add due to rounding
SOURCE: Statistics Canada

TABLE 110: Historical Summary of Seeded Area by Agricultural Region

thousand acres	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	95-04 Ave.
Agricultural Region 1											
Spring Wheat	575	572	525	400	320	440	465	395	455	445	459
Durum Wheat	75	74	71	86	16	78	23	24	14	6	47
Winter Wheat	4	3	7	10	12	22	56	15	63	146	34
ALL WHEAT	**654**	**649**	**603**	**497**	**347**	**541**	**544**	**434**	**532**	**597**	**540**
Oats	80	100	93	97	40	90	75	115	110	85	89
Barley	125	140	145	145	105	145	125	135	135	130	133
Rye	31	27	43	44	22	17	13	12	17	21	25
Flax	81	57	73	84	46	73	62	71	67	50	67
Canola	245	160	260	325	205	290	220	265	275	335	258
TOTAL MAJOR CROPS	**1,216**	**1,133**	**1,217**	**1,192**	**765**	**1,156**	**1,039**	**1,032**	**1,136**	**1,219**	**1,111**
Tame Hay	105	131	125	135	145	155	160	165	160	160	144
Summerfallow	65	87	50	40	524	33	61	40	25	90	102
Pasture	59	51	51	51	51	51	69	69	69	69	59
TOTAL ABOVE	**1,445**	**1,403**	**1,443**	**1,418**	**1,486**	**1,396**	**1,329**	**1,306**	**1,390**	**1,538**	**1,415**
Agricultural Region 2											
Spring Wheat	440	483	430	335	295	400	415	385	375	355	391
Durum Wheat	33	36	37	54	13	24	11	22	7	3	24
Winter Wheat	1	3	7	10	7	20	37	33	42	48	21
ALL WHEAT	**474**	**522**	**474**	**399**	**315**	**444**	**463**	**441**	**424**	**406**	**436**
Oats	80	106	81	81	55	95	80	115	100	80	87
Barley	160	193	175	180	150	185	175	190	190	185	178
Rye	22	20	21	24	20	19	19	19	21	22	21
Flax	80	57	66	79	44	50	61	61	57	46	60
Canola	205	164	230	275	195	245	215	210	260	245	224
TOTAL MAJOR CROPS	**1,022**	**1,062**	**1,047**	**1,037**	**779**	**1,038**	**1,013**	**1,036**	**1,052**	**983**	**1,007**
Tame Hay	155	183	165	180	185	200	210	205	230	215	193
Summerfallow	90	95	65	55	341	52	78	50	40	65	93
Pasture	94	77	77	77	77	77	105	105	105	105	90
TOTAL ABOVE	**1,360**	**1,417**	**1,354**	**1,350**	**1,382**	**1,368**	**1,406**	**1,396**	**1,427**	**1,368**	**1,383**
Agricultural Region 3											
Spring Wheat	470	489	465	390	345	410	410	355	335	365	403
Durum Wheat	16	15	18	35	3	14	4	2	0	0	11
Winter Wheat	1	3	4	5	6	7	16	19	30	13	10
ALL WHEAT	**487**	**507**	**486**	**430**	**354**	**431**	**430**	**377**	**365**	**378**	**424**
Oats	55	68	46	56	45	55	65	80	85	70	63
Barley	200	185	185	190	185	170	170	145	155	165	175
Rye	5	6	5	8	6	6	4	4	3	3	5
Flax	70	60	64	67	47	44	45	58	58	59	57
Canola	240	182	285	320	270	295	265	255	310	335	276
TOTAL MAJOR CROPS	**1,057**	**1,008**	**1,071**	**1,071**	**907**	**1,001**	**979**	**918**	**977**	**1,010**	**1,000**
Tame Hay	155	161	130	140	180	185	185	180	215	175	171
Summerfallow	130	130	95	80	234	71	117	50	40	60	101
Pasture	87	82	82	82	82	82	86	86	86	86	84
TOTAL ABOVE	**1,429**	**1,381**	**1,378**	**1,373**	**1,403**	**1,339**	**1,367**	**1,235**	**1,318**	**1,332**	**1,355**
Agricultural Region 4											
Spring Wheat	280	210	180	145	145	140	165	120	120	155	166
Durum Wheat	4	1	2	5	2	2	1	0	2	0	2
Winter Wheat	0	0	0	0	1	0	2	2	2	1	1
ALL WHEAT	**284**	**211**	**182**	**151**	**147**	**142**	**168**	**122**	**124**	**156**	**169**
Oats	25	37	25	32	20	30	30	40	30	30	30
Barley	50	59	50	50	40	45	50	40	50	55	49
Rye	1	1	1	1	0	0	2	0	0	0	1
Flax	21	11	14	19	17	4	6	6	6	13	12
Canola	305	71	105	120	120	100	110	85	100	140	126
TOTAL MAJOR CROPS	**686**	**390**	**376**	**373**	**345**	**321**	**366**	**293**	**309**	**394**	**385**
Tame Hay	100	112	105	115	125	110	125	140	120	120	117
Summerfallow	70	61	45	35	55	32	48	25	20	15	41
Pasture	63	61	61	61	61	61	49	49	49	49	56
TOTAL ABOVE	**919**	**624**	**587**	**584**	**586**	**524**	**588**	**507**	**498**	**578**	**599**

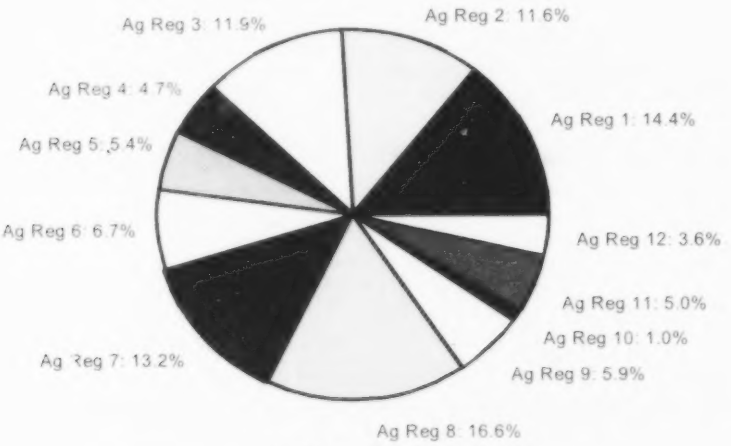
thousand acres	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	95-04 Ave.
Agricultural Region 5											
Spring Wheat	230	220	210	185	215	255	205	230	250	210	221
Durum Wheat	1	1	0	0	0	1	0	1	1	0	0
Winter Wheat	0	1	1	3	2	1	2	6	2	1	2
ALL WHEAT	**231**	**222**	**211**	**188**	**217**	**257**	**207**	**237**	**253**	**211**	**223**
Oats	20	27	20	20	25	25	20	30	25	15	23
Barley	40	60	55	40	30	35	25	40	35	15	37
Rye	3	1	2	5	2	1	1	0	0	0	2
Flax	16	10	9	11	6	1	3	2	1	1	6
Canola	120	81	155	205	195	185	130	160	215	215	166
TOTAL MAJOR CROPS	**430**	**400**	**452**	**469**	**475**	**504**	**386**	**469**	**529**	**457**	**457**
Tame Hay	85	89	105	110	105	85	110	90	95	105	98
Summerfallow	30	46	45	35	30	20	25	5	10	15	26
Pasture	52	45	45	45	45	45	39	39	39	39	44
TOTAL ABOVE	**597**	**581**	**648**	**659**	**656**	**654**	**560**	**603**	**673**	**616**	**625**
Agricultural Region 6											
Spring Wheat	265	291	265	225	240	265	275	270	280	215	259
Durum Wheat	8	4	8	11	6	2	3	0	3	0	4
Winter Wheat	0	1	1	1	3	2	4	8	8	5	3
ALL WHEAT	**273**	**297**	**274**	**237**	**249**	**269**	**282**	**278**	**291**	**220**	**267**
Oats	70	100	62	78	75	85	65	90	70	50	75
Barley	75	96	85	85	80	95	95	85	95	90	88
Rye	2	2	4	7	2	2	2	2	2	3	3
Flax	37	29	32	33	27	27	24	21	23	18	27
Canola	165	127	185	210	190	175	155	205	200	185	180
TOTAL MAJOR CROPS	**622**	**650**	**642**	**649**	**623**	**653**	**623**	**681**	**681**	**566**	**639**
Tame Hay	300	246	290	315	290	285	310	300	315	275	293
Summerfallow	65	78	50	45	107	42	55	25	20	60	55
Pasture	121	101	101	101	101	101	175	175	175	175	132
TOTAL ABOVE	**1,109**	**1,074**	**1,082**	**1,110**	**1,120**	**1,080**	**1,164**	**1,181**	**1,191**	**1,076**	**1,119**
Agricultural Region 7											
Spring Wheat	490	519	400	300	355	525	525	415	390	315	423
Durum Wheat	2	3	1	1	0	2	4	0	3	0	2
Winter Wheat	3	10	13	30	19	24	35	38	55	60	29
ALL WHEAT	**494**	**532**	**414**	**331**	**374**	**551**	**563**	**453**	**448**	**375**	**454**
Oats	170	225	136	148	130	205	185	235	220	180	183
Barley	130	201	160	140	105	145	140	120	110	105	136
Rye	10	12	13	20	16	6	8	5	6	8	10
Flax	150	108	98	95	76	73	83	61	51	52	85
Canola	345	251	290	325	305	315	240	305	340	395	311
TOTAL MAJOR CROPS	**1,299**	**1,328**	**1,111**	**1,059**	**1,006**	**1,295**	**1,220**	**1,179**	**1,175**	**1,115**	**1,179**
Tame Hay	200	198	195	205	235	200	225	225	235	230	215
Summerfallow	60	83	30	25	62	24	61	15	10	30	40
Pasture	111	78	78	78	78	78	80	80	80	80	82
TOTAL ABOVE	**1,670**	**1,687**	**1,414**	**1,367**	**1,381**	**1,597**	**1,586**	**1,499**	**1,500**	**1,455**	**1,516**
Agricultural Region 8											
Spring Wheat	675	674	755	575	695	665	660	560	535	500	629
Durum Wheat	12	10	3	6	1	5	2	1	4	0	4
Winter Wheat	1	3	5	16	18	23	25	27	47	43	21
ALL WHEAT	**688**	**686**	**764**	**597**	**714**	**692**	**687**	**588**	**586**	**544**	**655**
Oats	110	161	183	288	240	140	125	155	140	120	166
Barley	220	277	290	235	175	170	150	150	140	150	196
Rye	6	9	10	20	15	5	8	5	8	10	10
Flax	210	148	210	208	162	91	98	88	71	61	135
Canola	395	276	505	580	565	385	310	355	415	520	431
TOTAL MAJOR CROPS	**1,628**	**1,558**	**1,961**	**1,928**	**1,872**	**1,484**	**1,378**	**1,342**	**1,360**	**1,405**	**1,592**
Tame Hay	105	120	95	105	140	150	155	160	150	175	135
Summerfallow	65	73	25	20	36	15	43	10	10	25	32
Pasture	47	40	40	40	40	40	49	49	49	49	45
TOTAL ABOVE	**1,345**	**1,791**	**2,122**	**2,093**	**2,088**	**1,689**	**1,626**	**1,561**	**1,570**	**1,654**	**1,804**

thousand acres	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	95-04 Ave.
Agricultural Region 9											
Spring Wheat	195	254	180	165	195	230	245	190	170	145	197
Durum Wheat	0	4	0	0	0	1	0	0	0	0	1
Winter Wheat	0	1	1	8	7	8	6	26	30	12	10
ALL WHEAT	**195**	**259**	**181**	**173**	**202**	**239**	**251**	**216**	**200**	**157**	**207**
Oats	75	112	72	118	110	115	130	155	115	100	110
Barley	90	137	100	100	85	100	90	65	50	45	86
Rye	0	0	1		2	1	1	1	1	1	1
Flax	58	50	52	59	54	39	35	29	26	22	42
Canola	155	110	140	175	195	150	105	155	155	170	151
TOTAL MAJOR CROPS	**573**	**668**	**546**	**626**	**648**	**643**	**612**	**621**	**547**	**495**	**598**
Tame Hay	155	150	140	150	155	160	165	150	135	145	150
Summerfallow	45	38	40	30	28	19	61	20	10	85	37
Pasture	30	28	28	28	28	28	39	39	39	39	33
TOTAL ABOVE	**803**	**883**	**754**	**834**	**858**	**851**	**877**	**830**	**731**	**764**	**819**
Agricultural Region 10											
Spring Wheat	30	34	35	30	35	30	35	15	20	20	28
Durum Wheat	0	0	0	0	0	0	1	0	0	1	0
Winter Wheat	0	0	0	0	1	0	1	0	1	1	0
ALL WHEAT	**30**	**35**	**35**	**30**	**36**	**30**	**36**	**15**	**21**	**22**	**29**
Oats	10	20	13	13	10	20	20	10	15	10	14
Barley	15	20	20	20	15	25	20	15	10	15	18
Rye	0	1	0	0	0	1	1	0	0	1	1
Flax	8	4	4	6	7	5	2	5	1	5	5
Canola	25	18	35	30	40	25	15	15	15	30	25
TOTAL MAJOR CROPS	**88**	**98**	**107**	**99**	**108**	**107**	**94**	**60**	**62**	**83**	**91**
Tame Hay	105	79	70	80	80	80	100	105	75	80	85
Summerfallow	25	21	15	15	18	12	20	15	5	20	17
Pasture	17	15	15	15	15	15	30	30	30	30	21
TOTAL ABOVE	**234**	**212**	**207**	**209**	**221**	**214**	**245**	**211**	**173**	**214**	**214**
Agricultural Region 11											
Spring Wheat	130	190	145	110	140	180	175	120	120	125	143
Durum Wheat	1	1	0	0	0	0	1	0	0	0	0
Winter Wheat	0	0	0	2	4	2	6	5	13	8	4
ALL WHEAT	**131**	**191**	**146**	**112**	**144**	**182**	**182**	**125**	**133**	**133**	**148**
Oats	45	62	51	60	55	55	85	75	75	70	63
Barley	65	105	75	70	55	75	70	60	60	60	69
Rye	0	2	0	1	0	1	1	0	0	0	0
Flax	34	25	25	28	26	15	17	15	13	10	21
Canola	90	76	100	110	130	105	75	100	110	150	105
TOTAL MAJOR CROPS	**365**	**461**	**397**	**380**	**409**	**433**	**430**	**375**	**392**	**423**	**406**
Tame Hay	145	113	120	130	110	115	125	105	100	140	120
Summerfallow	50	33	30	25	18	14	31	15	5	25	25
Pasture	35	22	22	22	22	22	39	39	39	39	30
TOTAL ABOVE	**594**	**628**	**569**	**557**	**559**	**584**	**625**	**534**	**536**	**627**	**581**
Agricultural Region 12											
Spring Wheat	80	113	110	95	75	125	125	110	95	80	101
Durum Wheat	0	1	0	0	0	0	0	0	1	0	0
Winter Wheat	0	0	1	1	1	1	1	5	7	1	2
ALL WHEAT	**80**	**114**	**111**	**96**	**76**	**126**	**126**	**115**	**104**	**81**	**103**
Oats	10	32	18	9	5	35	30	50	45	40	27
Barley	30	78	60	45	35	60	60	55	70	55	55
Rye	0	0	0	0	0	0	1	1	1	0	0
Flax	10	9	14	10	8	13	13	14	15	13	12
Canola	60	56	80	75	70	80	60	90	105	115	79
TOTAL MAJOR CROPS	**190**	**288**	**282**	**236**	**194**	**315**	**290**	**324**	**340**	**305**	**276**
Tame Hay	370	333	360	385	385	445	430	475	395	405	398
Summerfallow	55	56	60	45	48	41	49	30	25	40	45
Pasture	133	99	99	99	99	99	189	189	189	189	138
TOTAL ABOVE	**748**	**776**	**802**	**765**	**726**	**900**	**957**	**1,018**	**948**	**938**	**858**

thousand acres	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	95-04 Ave.
Manitoba											
Spring Wheat	3,860	4,050	3,700	2,955	3,055	3,665	3,700	3,165	3,145	2,930	3,422
Durum Wheat	150	150	140	200	40	130	50	50	35	10	96
Winter Wheat	10	25	40	85	80	110	190	185	300	340	137
ALL WHEAT	**4,020**	**4,225**	**3,880**	**3,240**	**3,175**	**3,905**	**3,940**	**3,400**	**3,480**	**3,280**	**3,654**
Oats	750	1,050	800	1,000	810	950	910	1,150	1,030	850	930
Barley	1,200	1,550	1,400	1,300	1,060	1,250	1,170	1,100	1,100	1,070	1,220
Rye	80	80	100	130	85	60	60	50	60	70	78
Flax	775	570	660	700	520	435	450	430	390	350	528
Canola	2,350	1,570	2,370	2,750	2,480	2,350	1,900	2,200	2,500	2,835	2,331
TOTAL MAJOR CROPS	**9,175**	**9,044**	**9,210**	**9,119**	**8,129**	**8,949**	**8,429**	**8,329**	**8,559**	**8,454**	**8,740**
Tame Hay	1,980	1,913	1,900	2,050	2,135	2,170	2,300	2,300	2,225	2,225	2,120
Summerfallow	750	800	550	450	1,500	375	650	300	220	530	612
Pasture	850	700	700	700	700	700	950	950	950	950	815
TOTAL ABOVE	**12,755**	**12,458**	**12,360**	**12,321**	**12,465**	**12,195**	**12,330**	**11,880**	**11,955**	**12,160**	**12,288**

See Manitoba Agricultural Regions map on page 1. Totals may not add due to rounding.
SOURCE: Statistics Canada; Manitoba Agriculture, Food and Rural Initiatives; and Manitoba Crop Insurance Corporation.

CHART 24: Manitoba Total Seeded Area of Major Crops by Agricultural Region, 2004


Ag Reg 3: 11.9%
Ag Reg 2: 11.6%
Ag Reg 4: 4.7%
Ag Reg 1: 14.4%
Ag Reg 5: 5.4%
Ag Reg 6: 6.7%
Ag Reg 12: 3.6%
Ag Reg 11: 5.0%
Ag Reg 10: 1.0%
Ag Reg 7: 13.2%
Ag Reg 9: 5.9%
Ag Reg 8: 16.6%

SOURCE: Statistics Canada.
PREPARED BY: Knowledge Management, Manitoba Agriculture, Food and Rural Initiatives.

TABLE 111: Historical Summary of Average Yield (Production/Harvested Area) by Agricultural Region

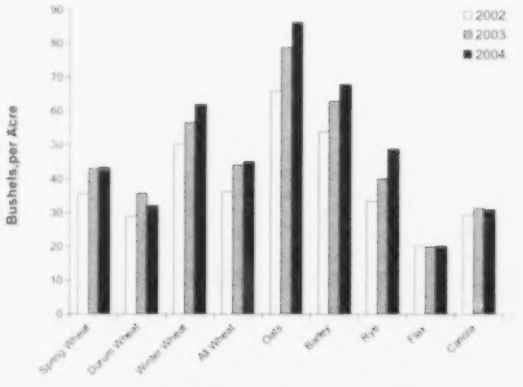
bushels per harvested acre	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	95-04 Ave.
Agricultural Region 1											
Spring Wheat	27.4	33.1	27.0	31.7	20.7	37.8	32.9	30.4	33.3	40.6	31.5
Durum Wheat	30.9	36.1	24.5	32.5	27.6	37.9	29.7	21.1	34.9	31.6	30.7
Winter Wheat	18.0	37.9	35.7	40.4	55.1	55.4	51.4	36.6	54.9	60.0	44.5
ALL WHEAT	**27.8**	**33.4**	**26.8**	**32.1**	**22.2**	**38.6**	**34.6**	**30.1**	**35.9**	**45.3**	**32.7**
Oats	48.3	60.0	50.0	53.8	33.3	67.5	66.2	44.2	46.7	78.7	54.9
Barley	46.7	57.3	53.3	57.1	39.0	60.7	58.3	48.0	51.2	66.1	53.8
Rye	31.7	33.5	24.6	32.5	33.5	42.5	22.2	26.4	38.1	48.8	33.4
Flax	18.9	24.0	20.3	20.6	18.6	19.2	26.9	15.1	15.4	18.7	19.8
Canola	19.2	27.2	24.8	27.7	24.6	28.4	28.4	24.4	22.9	28.9	25.7
Agricultural Region 2											
Spring Wheat	30.1	36.5	29.2	32.2	24.7	37.7	32.1	32.7	35.5	42.3	33.3
Durum Wheat	34.2	38.5	28.9	33.0	34.0	41.5	32.4	37.1	36.9	34.8	35.1
Winter Wheat	23.8	33.9	33.8	38.1	48.5	52.6	48.6	41.8	48.5	53.1	42.3
ALL WHEAT	**30.3**	**36.6**	**29.2**	**32.4**	**25.6**	**38.6**	**33.4**	**33.6**	**36.8**	**43.5**	**34.0**
Oats	46.2	58.9	47.7	54.3	40.0	70.0	64.6	54.1	37.1	78.5	55.1
Barley	49.0	58.6	52.7	54.3	42.9	61.1	53.5	51.5	50.0	70.3	54.4
Rye	24.0	31.6	25.0	32.9	34.5	38.6	40.3	31.6	34.3	48.2	34.1
Flax	19.4	25.2	21.4	18.1	15.2	20.2	19.0	19.3	18.1	19.0	19.5
Canola	20.2	29.4	25.2	25.9	24.9	29.4	25.3	28.1	22.3	29.8	26.1
Agricultural Region 3											
Spring Wheat	28.7	38.3	31.0	35.7	28.9	36.8	32.6	36.8	39.6	33.5	34.2
Durum Wheat	31.9	44.2	34.5	40.9	34.7	43.8	33.9	35.8	0.0	0.0	30.0
Winter Wheat	37.6	47.5	38.7	45.1	57.3	58.4	49.5	54.0	48.8	59.6	51.0
ALL WHEAT	**28.9**	**38.6**	**31.2**	**36.2**	**29.5**	**37.3**	**33.3**	**37.6**	**40.3**	**34.4**	**34.7**
Oats	47.5	68.3	48.6	64.0	52.5	74.0	72.0	69.2	61.4	82.0	64.0
Barley	48.1	60.5	54.4	62.7	46.1	60.0	54.2	57.0	60.7	61.4	56.5
Rye	32.2	37.1	31.4	36.6	36.1	40.2	35.4	34.6	38.2	51.4	37.3
Flax	18.4	26.4	21.0	21.4	16.3	19.1	20.7	21.5	20.9	13.0	19.9
Canola	18.9	30.3	26.1	28.1	24.3	28.6	25.8	30.2	29.0	22.3	26.4
Agricultural Region 4											
Spring Wheat	33.3	38.5	35.2	36.3	39.9	40.1	38.7	37.8	39.4	32.5	37.2
Durum Wheat	34.3	45.4	32.7	38.7	39.1	41.0	28.9	-	-	-	32.5
Winter Wheat	43.3	17.2	46.7	41.0	53.5	-	50.9	52.0	55.9	56.3	46.1
ALL WHEAT	**33.3**	**38.4**	**35.2**	**36.4**	**40.0**	**40.1**	**38.8**	**38.0**	**39.6**	**32.7**	**37.3**
Oats	55.0	66.7	55.0	56.0	66.7	70.0	72.0	60.0	55.0	60.0	61.6
Barley	51.0	55.7	57.8	57.8	55.0	60.0	62.2	60.0	57.5	57.5	57.5
Rye	27.1	32.1	31.8	19.2	28.3	48.5	18.9	41.2	-	-	24.7
Flax	20.1	25.4	24.2	21.7	18.9	20.0	23.3	23.3	23.3	5.0	20.5
Canola	18.2	29.3	29.0	26.7	30.4	30.0	28.2	27.5	29.0	16.9	26.5
Agricultural Region 5											
Spring Wheat	35.7	36.3	35.0	37.8	45.1	45.4	41.7	34.0	44.9	45.5	40.1
Durum Wheat	40.0	45.1	-	43.9	-	49.7	-	23.6	-	-	12.2
Winter Wheat	30.0	13.4	18.4	17.8	59.1	63.2	53.7	40.5	48.9	50.2	44.0
ALL WHEAT	**35.6**	**36.3**	**34.9**	**37.6**	**45.2**	**45.4**	**41.8**	**34.1**	**44.9**	**45.5**	**40.1**
Oats	46.7	46.7	46.7	50.0	66.7	68.0	66.7	45.0	65.0	80.0	58.1
Barley	55.0	51.8	48.0	47.5	68.0	68.6	68.0	45.7	74.3	66.7	59.4
Rye	27.1	26.4	26.1	28.2	29.5	48.5	28.3	27.2	41.5	37.4	32.0
Flax	21.4	18.1	19.2	18.6	22.4	20.0	20.0	15.0	20.0	20.0	19.5
Canola	26.3	26.3	27.3	24.0	30.3	33.2	31.9	26.7	38.1	31.0	29.5

bushels per harvested acre	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	95-04 Ave.
Agricultural Region 6											
Spring Wheat	32.5	38.2	34.9	34.4	36.9	39.3	34.8	37.6	40.0	48.2	37.7
Durum Wheat	30.0	51.7	35.8	42.5	37.6	34.4	-	-	-	-	38.7
Winter Wheat	32.9	33.0	39.2	39.0	53.8	57.0	48.8	41.3	53.7	59.1	45.8
ALL WHEAT	**32.4**	**38.4**	**35.0**	**34.8**	**37.1**	**39.4**	**35.0**	**37.7**	**40.1**	**48.4**	**37.8**
Oats	60.0	71.1	63.6	68.6	71.4	77.3	67.3	56.0	61.5	88.6	68.5
Barley	52.3	59.4	58.8	57.6	58.5	65.6	62.4	57.3	57.6	72.0	60.1
Rye	33.7	42.1	31.3	27.6	41.9	37.8	37.3	32.7	43.6	45.5	37.7
Flax	18.7	23.5	23.0	18.0	22.3	15.7	14.5	20.7	19.3	23.8	19.9
Canola	26.1	28.0	30.8	23.1	29.2	29.1	28.7	28.0	28.3	35.2	28.6
Agricultural Region 7											
Spring Wheat	34.0	42.1	35.5	40.5	41.6	40.5	26.5	39.1	52.3	51.4	40.3
Durum Wheat	40.0	42.1	27.7	38.5	60.7	42.4	25.0	-	-	-	39.5
Winter Wheat	42.2	60.9	50.0	49.9	63.8	72.1	55.0	59.1	62.0	67.7	60.0
ALL WHEAT	**34.0**	**42.4**	**35.9**	**41.3**	**42.7**	**41.9**	**28.2**	**40.7**	**53.5**	**54.2**	**41.5**
Oats	70.3	78.1	78.4	85.0	76.7	84.7	58.2	77.7	98.5	96.7	80.4
Barley	58.1	66.3	64.5	63.1	59.0	63.6	41.6	60.0	76.0	74.4	62.7
Rye	35.3	39.0	36.8	41.0	41.5	36.5	29.6	40.0	48.0	49.8	39.8
Flax	21.7	26.7	24.3	21.1	24.3	16.6	13.1	22.8	25.1	25.6	22.1
Canola	27.6	32.9	31.7	29.8	33.3	27.0	25.3	33.3	37.5	35.2	31.4
Agricultural Region 8											
Spring Wheat	31.4	39.7	31.5	40.3	41.5	44.5	34.9	38.1	50.0	46.6	39.8
Durum Wheat	31.7	38.4	29.8	35.1	40.4	53.2	40.3	33.0	43.6	49.6	39.5
Winter Wheat	44.7	48.5	50.7	55.2	65.6	64.1	55.1	57.1	63.4	69.0	58.7
ALL WHEAT	**32.0**	**31.5**	**39.7**	**31.6**	**40.6**	**42.1**	**45.2**	**35.6**	**39.0**	**51.0**	**38.8**
Oats	71.6	70.9	76.9	80.6	88.4	89.3	85.9	65.2	68.7	97.1	79.5
Barley	61.4	56.3	66.1	59.7	70.0	64.7	74.7	60.7	58.6	75.6	64.8
Rye	99.9	34.8	40.9	41.9	43.4	42.6	43.8	38.5	46.7	52.4	48.5
Flax	23.7	21.6	25.2	20.5	22.7	24.1	21.4	18.5	20.8	19.6	21.8
Canola	31.3	26.2	32.5	29.2	35.4	35.4	32.6	30.3	31.9	34.9	32.0
Agricultural Region 9											
Spring Wheat	33.3	40.2	30.2	35.9	44.9	34.4	18.5	31.0	47.8	39.3	35.5
Durum Wheat	28.1	48.7	-	37.0	-	59.9	18.0	-	-	-	15.8
Winter Wheat	-	51.6	48.0	48.4	57.9	57.9	33.2	48.5	55.0	60.5	51.2
ALL WHEAT	**33.3**	**40.3**	**30.3**	**36.4**	**45.4**	**35.3**	**18.8**	**34.5**	**51.0**	**43.1**	**36.8**
Oats	72.3	79.1	78.5	70.0	89.0	79.0	45.8	69.7	96.5	81.3	76.1
Barley	60.6	68.8	54.7	57.5	77.5	54.4	29.4	50.0	75.6	48.6	57.7
Rye	24.8	-	27.5	42.1	54.4	19.4	30.9	38.8	-	-	26.5
Flax	21.2	23.9	16.6	20.1	23.5	16.5	8.1	20.3	21.9	20.6	19.3
Canola	27.1	32.3	25.2	31.5	32.6	18.1	14.5	28.7	35.3	30.7	27.6
Agricultural Region 10											
Spring Wheat	28.0	37.7	36.3	35.7	41.1	35.3	2[illegible]6	28.5	47.0	39.7	35.2
Durum Wheat	-	-	-	-	-	-	26.	-	-	-	-
Winter Wheat	-	10.9	-	-	-	-	8.0	47.7	54.6	57.0	53.1
ALL WHEAT	**22.3**	**28.0**	**36.9**	**36.3**	**35.7**	**40.5**	**35.1**	**22.5**	**30.1**	**49.8**	**33.7**
Oats	40.0	60.0	65.0	60.0	60.0	60.0	40.0	55.0	60.0	80.0	58.0
Barley	50.0	53.3	68.4	60.0	50.0	60.0	36.0	35.0	40.0	70.0	52.3
Rye	-	6.3	20.0	-	22.9	20.4	30.8	33.1	19.8	36.0	20.0
Flax	12.6	13.2	13.9	17.6	18.2	18.0	12.0	5.0	16.0	20.0	14.6
Canola	16.0	22.0	30.0	27.1	30.0	31.3	18.0	16.7	23.3	36.7	25.1

bushels per harvested acre	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	95-04 Ave.
Agricultural Region 11											
Spring Wheat	34.7	40.8	33.9	38.4	45.3	37.3	22.4	35.9	48.6	47.5	38.5
Durum Wheat	40.0	50.4	52.3	49.8	-	-	18.7	-	37.5	47.7	34.3
Winter Wheat	-	-	51.2	58.2	62.7	63.3	56.9	59.1	66.0	71.5	63.3
ALL WHEAT	**34.7**	**40.9**	**34.1**	**38.2**	**45.8**	**37.6**	**23.4**	**36.8**	**50.3**	**49.1**	**39.1**
Oats	68.9	71.7	74.0	74.5	86.0	76.4	58.8	78.7	92.0	92.7	77.4
Barley	58.5	65.8	62.7	58.6	74.5	62.9	40.0	55.0	80.0	70.0	62.8
Rye	-	18.8	-	32.1	-	38.8	32.2	-	-	-	30.5
Flax	20.3	23.9	22.7	17.6	23.5	16.0	13.1	20.7	20.8	23.3	20.2
Canola	26.1	30.7	30.5	29.1	35.4	21.5	22.0	31.1	37.3	37.7	30.1
Agricultural Region 12											
Spring Wheat	31.6	39.0	34.6	38.8	38.7	37.4	25.8	35.1	37.5	47.7	36.6
Durum Wheat	42.2	38.7	-	39.0	-	35.1	22.3	-	-	-	17.2
Winter Wheat	-	51.7	42.2	61.6	59.4	69.5	49.6	54.7	62.8	72.4	59.0
ALL WHEAT	**31.6**	**39.0**	**34.8**	**40.0**	**38.9**	**37.6**	**25.9**	**35.9**	**39.2**	**47.7**	**37.1**
Oats	40.0	60.0	60.0	40.0	40.0	50.0	60.0	62.5	45.0	92.0	55.0
Barley	53.3	65.7	60.0	60.0	60.0	58.2	43.6	44.4	58.3	73.3	57.7
Rye	48.8	-	7.4	35.0	49.7	38.8	31.2	47.5	58.7	38.2	38.3
Flax	13.2	22.1	23.6	18.8	18.6	15.4	16.2	20.8	18.0	24.0	19.1
Canola	21.7	30.0	29.4	28.0	29.3	23.8	22.5	29.5	30.0	39.5	28.4
Manitoba											
Spring Wheat	31.3	38.2	31.8	36.4	36.4	39.7	31.3	35.6	42.9	43.1	36.7
Durum Wheat	32.0	38.7	27.9	35.0	32.5	40.0	31.0	29.0	35.7	32.0	33.4
Winter Wheat	30.0	48.0	42.5	47.1	59.4	60.9	51.3	50.3	56.7	61.8	50.8
ALL WHEAT	**31.4**	**38.3**	**31.7**	**36.6**	**36.9**	**40.3**	**32.2**	**36.3**	**44.0**	**45.1**	**37.3**
Oats	62.3	71.4	68.1	74.2	75.9	76.6	60.6	66.0	78.9	86.2	72.0
Barley	53.0	62.6	57.3	60.4	55.8	62.6	51.5	54.0	63.0	67.9	58.8
Rye	30.0	34.6	28.8	35.4	37.5	40.0	33.0	33.3	40.0	48.6	36.1
Flax	20.5	25.0	21.2	20.9	21.4	18.8	18.0	19.9	19.7	20.0	20.5
Canola	23.3	30.4	28.1	29.1	30.6	28.4	26.6	29.3	31.3	30.7	28.8

See Manitoba Agricultural Regions map on page 1.
Yields are field-run estimates; may not calculate due to rounding.
SOURCE: Statistics Canada; Manitoba Agriculture, Food and Rural Initiatives; and Manitoba Crop Insurance Corporation.

CHART 25: Manitoba Average Yield of Major Crops, 2002 – 2004



SOURCE: Statistics Canada
PREPARED BY: Knowledge Management, Manitoba Agriculture, Food and Rural Initiatives

TABLE 112: Historical Summary of Production by Agricultural Region

thousand	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	95-04 Ave.
Agricultural Region 1											
Spring Wheat	429.5	512.7	385.1	336.9	180.2	448.0	416.7	326.9	412.3	480.4	392.9
Durum Wheat	63.1	72.8	47.4	76.5	12.1	80.8	18.8	13.6	13.3	4.9	40.3
Winter Wheat	1.8	3.0	6.5	11.3	17.3	34.0	73.9	15.3	93.9	238.7	49.6
ALL WHEAT	**494.4**	**588.5**	**438.9**	**424.7**	**209.5**	**562.8**	**509.3**	**355.8**	**519.5**	**723.9**	**482.7**
Oats	44.7	74.0	54.0	66.3	15.4	83.3	66.3	64.8	64.8	91.0	62.5
Barley	121.9	174.2	156.8	174.2	84.9	178.5	152.4	130.6	139.3	165.5	147.8
Rye	24.3	21.7	23.4	36.3	17.3	18.7	5.5	7.4	13.6	26.6	19.5
Flax	39.1	33.5	37.8	42.9	20.8	35.5	41.7	26.9	26.2	18.0	32.3
Canola	104.3	98.7	140.6	200.7	114.5	187.1	141.7	144.0	142.9	213.2	148.8
TOTAL MAJOR CROPS	**828.7**	**990.6**	**851.6**	**945.1**	**462.5**	**1,065.9**	**916.9**	**729.5**	**906.3**	**1,238.2**	**893.5**
Agricultural Region 2											
Spring Wheat	360.1	482.0	341.6	293.7	198.7	410.4	362.5	342.4	362.0	402.8	355.6
Durum Wheat	30.8	37.6	29.1	48.4	11.7	27.2	9.4	22.6	6.8	2.4	22.6
Winter Wheat	0.9	3.1	6.4	9.9	9.1	29.0	46.6	37.9	55.5	69.9	26.8
ALL WHEAT	**391.7**	**522.6**	**377.1**	**352.0**	**219.5**	**466.6**	**418.5**	**402.9**	**424.3**	**475.2**	**405.0**
Oats	46.3	86.4	47.8	58.6	30.8	86.4	64.8	70.9	40.1	78.7	61.1
Barley	165.5	246.0	189.4	206.8	130.6	233.0	198.1	185.1	185.1	252.6	199.2
Rye	11.8	14.9	11.7	20.0	16.3	16.0	14.6	13.4	15.3	26.4	16.0
Flax	39.6	35.6	35.6	35.3	16.5	25.1	29.0	29.5	26.2	18.8	29.1
Canola	94.1	106.6	131.5	158.8	110.0	163.3	123.6	133.8	131.5	152.0	130.5
TOTAL MAJOR CROPS	**749.0**	**1,012.1**	**793.1**	**831.4**	**523.7**	**990.4**	**848.6**	**835.6**	**822.5**	**1,003.5**	**841.0**
Agricultural Region 3											
Spring Wheat	356.0	505.7	392.4	378.6	271.6	410.1	359.8	355.2	360.9	309.7	370.0
Durum Wheat	13.9	18.5	16.9	39.5	3.0	17.1	3.3	2.2	0.0	0.0	11.4
Winter Wheat	0.6	3.3	3.7	6.1	9.8	10.7	20.7	28.3	39.5	20.7	14.3
ALL WHEAT	**370.5**	**527.5**	**413.0**	**424.1**	**284.4**	**437.9**	**383.8**	**385.6**	**400.3**	**330.4**	**395.8**
Oats	29.3	63.2	26.2	49.4	32.4	57.1	55.5	69.4	66.3	63.2	51.2
Barley	193.8	243.9	213.4	252.6	180.7	215.6	182.9	167.7	185.1	187.2	202.3
Rye	2.9	5.0	3.2	7.6	5.4	4.8	2.8	3.1	2.8	4.4	4.2
Flax	32.8	40.1	34.0	35.3	18.5	21.3	23.1	30.0	30.7	13.2	27.9
Canola	100.9	123.6	169.0	204.1	146.3	191.6	152.0	167.8	204.1	141.7	160.1
TOTAL MAJOR CROPS	**730.1**	**1,003.3**	**858.8**	**973.1**	**667.7**	**928.3**	**800.0**	**823.6**	**889.4**	**740.2**	**841.5**
Agricultural Region 4											
Spring Wheat	253.9	209.3	172.5	143.2	157.6	152.7	173.9	123.6	128.7	132.5	164.8
Durum Wheat	3.3	1.1	1.4	5.7	1.6	2.0	0.5	0.0	2.2	0.0	1.8
Winter Wheat	0.4	0.1	0.3	0.4	1.2	0.0	2.5	2.4	2.4	1.9	1.2
ALL WHEAT	**257.5**	**210.5**	**174.2**	**149.3**	**160.4**	**154.7**	**177.0**	**126.0**	**133.4**	**134.4**	**167.7**
Oats	17.0	30.8	17.0	21.6	15.4	21.6	27.8	27.8	17.0	18.5	21.4
Barley	55.5	71.9	56.6	56.6	47.9	52.3	61.0	45.7	50.1	50.1	54.8
Rye	0.4	0.7	0.4	0.3	0.3	0.1	0.7	0.1	0.0	0.3	0.3
Flax	10.9	7.4	8.4	10.4	7.9	2.0	3.6	3.6	3.6	0.5	5.8
Canola	123.6	46.5	69.2	72.6	82.8	68.0	70.3	49.9	65.8	49.9	69.9
TOTAL MAJOR CROPS	**464.9**	**367.7**	**325.8**	**310.8**	**314.7**	**298.7**	**340.2**	**253.0**	**269.7**	**253.8**	**319.9**
Agricultural Region 5											
Spring Wheat	223.2	207.4	199.8	190.5	263.7	314.9	232.4	212.6	305.6	259.9	241.0
Durum Wheat	0.5	1.1	0.0	0.5	0.0	1.2	0.5	0.5	0.5	0.0	0.5
Winter Wheat	0.4	0.2	0.6	1.2	2.8	1.1	2.6	6.5	2.7	1.1	1.9
ALL WHEAT	**224.1**	**208.7**	**200.3**	**192.3**	**266.5**	**317.2**	**235.6**	**219.6**	**308.9**	**261.0**	**243.4**
Oats	10.8	10.8	10.8	7.7	15.4	26.2	15.4	13.9	20.0	12.3	14.3
Barley	47.9	67.5	52.3	41.4	37.0	52.3	37.0	34.8	56.6	21.8	44.9
Rye	1.4	0.8	1.0	3.5	1.4	1.0	0.3	0.2	0.4	0.2	1.0
Flax	8.6	4.6	4.6	5.1	3.3	0.5	1.5	0.8	0.5	0.5	3.0
Canola	71.4	47.6	93.0	108.9	133.8	139.5	94.1	90.7	181.4	147.4	110.8
TOTAL MAJOR CROPS	**364.3**	**340.0**	**362.0**	**358.8**	**457.4**	**536.6**	**384.0**	**360.0**	**567.9**	**443.2**	**417.4**

thousand	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	95-04 Ave.
Agricultural Region 6											
Spring Wheat	234.1	301.5	252.0	210.9	240.9	283.6	255.8	276.5	304.8	275.4	263.6
Durum Wheat	6.5	6.0	7.6	12.2	5.7	2.2	3.3	0.0	1.1	0.0	4.5
Winter Wheat	0.2	1.0	1.1	1.4	4.4	2.9	4.7	8.5	11.2	7.9	4.3
ALL WHEAT	**240.8**	**308.5**	**260.7**	**224.6**	**251.0**	**288.6**	**263.8**	**285.0**	**317.1**	**283.3**	**272.3**
Oats	60.1	98.7	54.0	74.0	77.1	89.4	57.1	64.8	61.7	47.8	68.5
Barley	74.0	124.1	102.3	106.7	82.7	128.5	115.4	93.6	106.7	117.6	105.2
Rye	1.3	2.2	2.4	4.8	2.2	1.5	1.6	1.8	1.6	3.4	2.3
Flax	20.6	16.8	19.1	16.5	11.9	13.0	11.7	9.9	11.4	8.9	14.0
Canola	97.5	79.4	129.3	110.0	125.9	115.7	100.9	127.0	128.1	131.5	114.5
TOTAL MAJOR CROPS	**494.4**	**629.7**	**567.8**	**536.6**	**550.8**	**636.7**	**550.4**	**582.1**	**626.6**	**592.5**	**576.8**
Agricultural Region 7											
Spring Wheat	452.9	595.6	386.2	330.4	390.3	573.2	375.2	441.2	555.2	412.9	451.3
Durum Wheat	1.6	3.3	0.5	0.8	0.3	2.6	2.4	0.0	4.4	0.3	1.6
Winter Wheat	3.2	16.7	17.5	41.2	33.0	47.0	49.4	61.0	92.3	110.5	47.2
ALL WHEAT	**457.7**	**615.5**	**404.3**	**372.4**	**423.6**	**622.8**	**427.0**	**502.1**	**651.8**	**523.6**	**500.1**
Oats	168.1	259.1	151.1	183.5	141.9	248.3	148.1	257.5	311.5	223.6	209.3
Barley	164.4	289.6	217.7	178.5	128.5	193.8	113.2	143.7	165.5	145.9	174.1
Rye	7.6	10.8	10.7	21.0	15.5	5.6	4.8	4.8	6.5	9.8	9.7
Flax	82.6	73.2	60.5	49.5	45.0	30.0	26.9	34.8	32.5	25.4	46.0
Canola	213.2	182.6	208.7	220.0	230.2	183.7	134.9	226.8	289.2	255.1	214.4
TOTAL MAJOR CROPS	**1,093.6**	**1,430.7**	**1,053.0**	**1,025.0**	**984.6**	**1,284.1**	**855.0**	**1,169.8**	**1,457.0**	**1,183.5**	**1,153.6**
Agricultural Region 8											
Spring Wheat	569.2	729.5	648.3	630.7	761.7	804.6	621.7	581.4	721.2	620.7	668.9
Durum Wheat	10.3	10.3	2.7	6.0	1.1	6.8	2.4	0.5	4.6	0.3	4.5
Winter Wheat	0.7	3.6	7.4	23.4	32.6	39.5	35.7	42.7	81.9	81.6	34.9
ALL WHEAT	**580.2**	**743.4**	**658.4**	**660.1**	**795.3**	**850.9**	**659.8**	**624.7**	**807.8**	**702.6**	**708.3**
Oats	120.3	189.7	211.3	374.8	310.0	178.9	115.7	158.8	209.7	148.1	201.7
Barley	251.5	398.4	376.7	350.5	239.5	276.5	191.6	185.1	222.1	222.1	271.4
Rye	3.2	9.0	9.0	22.0	15.3	6.0	5.7	5.7	8.4	13.5	9.8
Flax	115.3	94.7	109.5	116.3	95.8	50.0	44.7	47.5	35.8	27.7	73.7
Canola	231.3	203.0	334.5	466.1	441.1	281.2	209.8	252.9	328.9	353.8	310.3
TOTAL MAJOR CROPS	**1,301.8**	**1,638.3**	**1,699.3**	**1,989.7**	**1,897.0**	**1,643.6**	**1,227.3**	**1,274.7**	**1,612.7**	**1,467.7**	**1,575.2**
Agricultural Region 9											
Spring Wheat	176.6	278.7	147.8	161.1	238.4	210.9	123.6	168.5	232.7	140.6	187.9
Durum Wheat	0.0	4.9	0.0	0.3	0.0	1.2	0.1	0.0	0.0	0.0	0.7
Winter Wheat	0.0	1.2	1.7	10.1	11.4	12.9	4.9	34.7	44.9	20.4	14.2
ALL WHEAT	**176.6**	**284.8**	**149.5**	**171.5**	**249.8**	**225.1**	**128.6**	**203.2**	**277.6**	**161.0**	**202.8**
Oats	72.5	134.2	78.7	118.8	137.3	128.0	84.8	155.8	171.2	100.2	118.1
Barley	118.7	204.6	113.1	100.1	134.9	106.6	54.3	65.2	74.0	36.9	100.8
Rye	0.2	0.0	0.4	0.6	2.1	0.3	0.6	0.5	1.1	0.7	0.6
Flax	31.0	30.5	21.8	29.5	30.7	15.5	6.4	15.0	14.5	8.4	20.3
Canola	95.3	80.5	77.1	121.3	144.0	55.6	32.9	97.5	120.2	100.9	92.5
TOTAL MAJOR CROPS	**494.2**	**734.5**	**440.7**	**541.7**	**698.8**	**531.0**	**307.6**	**537.1**	**658.6**	**408.1**	**535.2**
Agricultural Region 10											
Spring Wheat	19.1	35.9	34.6	29.1	39.2	28.8	21.5	12.2	26.9	22.7	27.0
Durum Wheat	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.8	0.1
Winter Wheat	0.0	0.1	0.0	0.0	0.3	0.4	0.1	0.4	1.6	1.6	0.5
ALL WHEAT	**19.1**	**36.0**	**34.6**	**29.1**	**39.4**	**29.2**	**22.2**	**12.6**	**28.6**	**25.2**	**27.6**
Oats	4.6	20.0	13.9	9.3	9.3	9.3	17.0	4.6	12.3	6.2	10.6
Barley	17.4	30.5	26.1	21.8	19.6	19.6	15.2	8.7	15.2	19.6	19.4
Rye	0.0	0.3	0.0	0.0	0.2	1.1	0.3	0.2	0.2	0.7	0.3
Flax	2.5	1.5	1.8	2.8	3.0	1.5	0.3	2.0	0.5	1.0	1.7
Canola	12.5	10.2	21.5	20.4	28.3	10.2	5.7	7.9	12.5	22.7	15.2
TOTAL MAJOR CROPS	**56.2**	**98.5**	**97.9**	**83.4**	**99.9**	**70.9**	**60.7**	**36.1**	**69.3**	**75.3**	**74.8**

thousand	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	95-04 Ave.
Agricultural Region 11											
Spring Wheat	122.7	210.9	133.9	114.8	172.5	177.7	106.7	117.3	158.7	142.1	145.7
Durum Wheat	0.5	1.6	0.5	0.3	0.0	0.0	0.5	0.0	0.0	0.0	0.4
Winter Wheat	0.0	0.0	0.4	2.7	6.1	3.3	8.5	8.0	24.2	15.5	6.9
ALL WHEAT	**123.3**	**212.6**	**134.8**	**117.8**	**178.7**	**181.0**	**115.8**	**125.3**	**182.9**	**157.6**	**153.0**
Oats	47.8	66.3	57.1	63.2	66.3	64.8	72.5	91.0	106.4	78.7	71.4
Barley	82.7	150.2	102.3	89.3	89.3	95.8	61.0	71.9	95.8	76.2	91.4
Rye	0.0	0.7	0.0	0.5	0.0	0.6	0.6	0.0	0.0	0.0	0.2
Flax	17.5	15.5	14.5	12.2	14.7	6.1	5.3	7.9	6.9	3.6	10.4
Canola	53.3	52.2	69.2	72.6	104.3	48.8	37.4	66.9	93.0	111.1	70.9
TOTAL MAJOR CROPS	**324.7**	**497.4**	**377.8**	**355.6**	**453.3**	**397.0**	**292.6**	**362.9**	**484.9**	**427.1**	**397.3**
Agricultural Region 12											
Spring Wheat	68.9	116.8	103.7	100.4	78.9	127.4	87.6	105.1	96.9	97.4	98.3
Durum Wheat	0.0	0.8	0.0	0.3	0.0	0.3	0.3	0.0	1.1	0.0	0.3
Winter Wheat	0.0	0.3	0.7	1.2	1.3	1.6	1.3	7.3	12.5	1.6	2.8
ALL WHEAT	**68.9**	**117.8**	**104.4**	**101.9**	**80.3**	**129.2**	**89.2**	**112.4**	**110.5**	**99.1**	**101.4**
Oats	3.1	23.1	13.9	3.1	3.1	23.1	23.1	38.6	13.9	35.5	18.0
Barley	34.8	111.0	78.4	52.3	39.2	69.7	52.3	43.5	76.2	71.9	62.9
Rye	0.3	0.0	0.0	0.3	0.3	0.3	0.3	0.8	0.9	0.5	0.4
Flax	3.3	4.8	8.1	4.8	3.6	-5.1	5.3	6.9	6.9	6.1	5.5
Canola	29.5	37.4	53.3	47.6	46.5	43.1	30.6	63.5	71.4	98.7	52.2
TOTAL MAJOR CROPS	**139.8**	**294.2**	**258.1**	**210.0**	**172.9**	**270.5**	**200.8**	**265.7**	**279.8**	**311.6**	**240.3**
Manitoba											
Spring Wheat	3,265.9	4,185.9	3,197.8	2,920.3	2,993.6	3,942.2	3,137.3	3,062.6	3,665.9	3,297.0	3,366.9
Durum Wheat	130.6	157.9	106.1	190.5	35.5	141.5	42.2	39.5	34.0	8.7	88.7
Winter Wheat	8.2	32.7	46.3	108.9	129.3	182.3	251.1	253.1	462.7	571.5	204.6
ALL WHEAT	**3,404.7**	**4,376.6**	**3,350.2**	**3,219.7**	**3,158.3**	**4,266.0**	**3,430.6**	**3,355.2**	**4,162.5**	**3,877.4**	**3,660.1**
Oats	624.6	1,056.4	735.6	1,030.2	854.4	1,016.3	748.0	1,017.9	1,095.0	903.7	908.2
Barley	1,328.1	2,111.9	1,685.2	1,630.8	1,214.9	1,622.0	1,234.5	1,175.7	1,371.7	1,367.3	1,471.2
Rye	53.3	66.0	62.2	116.9	76.2	55.9	37.7	38.1	50.8	86.4	64.4
Flax	403.9	358.2	355.6	360.7	271.8	205.8	199.4	214.6	195.6	132.1	269.8
Canola	1,227.0	1,068.2	1,496.9	1,803.0	1,707.8	1,487.8	1,134.0	1,451.5	1,769.0	1,778.1	1,492.3
TOTAL MAJOR CROPS	**7,041.7**	**9,037.3**	**7,685.8**	**8,161.3**	**7,283.4**	**8,653.7**	**6,784.2**	**7,253.0**	**8,644.6**	**8,145.0**	**7,854.5**

See Manitoba Agricultural Regions map on page 1.
Totals may not add due to rounding.
SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives, and Manitoba Crop Insurance Corporation.

CHART 26: Manitoba Production of Major Crops by Agricultural Region, 2004

Ag Reg 2: 12.3%
Ag Reg 3: 9.1%
Ag Reg 4: 3.1%
Ag Reg 5: 5.4%
Ag Reg 1: 15.2%
Ag Reg 6: 7.3%
Ag Reg 12: 3.8%
Ag Reg 11: 5.2%
Ag Reg 10: 0.9%
Ag Reg 9: 5.0%
Ag Reg 7: 14.5%
Ag Reg 8: 18.0%

SOURCE: Statistics Canada
PREPARED BY: Knowledge Management, Manitoba Agriculture, Food and Rural Initiatives

TABLE 113: Historical Operating Costs of Crop Production
(normal costs, excluding any abnormal pre-harvest spraying, eg. 1995 canola)

$ per acre	1976/77	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86
All Wheat	44.43	43.61	53.84	69.80	81.71	68.97	82.20	85.90	83.85	82.50
Oats*	41.87	42.74	46.95	62.93	75.78	63.96	76.23	79.67	77.76	72.35
Barley	49.08	49.46	59.09	74.83	88.36	66.46	80.26	82.70	79.40	78.67
Rye*	28.25	29.46	33.64	44.89	54.41	45.93	58.34	63.30	60.40	59.79
Flax	49.46	50.47	58.39	74.77	83.99	56.25	68.71	72.30	71.90	71.59
Canola	42.56	43.20	52.45	69.86	80.29	66.92	78.86	79.65	83.10	110.44
Mixed Grain*	45.13	45.27	53.29	69.19	81.95	66.46	79.56	82.76	80.34	77.84
Grain Corn	78.38	84.28	95.27	118.77	113.76	112.90	161.50	163.50	168.60	162.48
Buckwheat	42.02	43.29	49.69	64.67	85.26	64.13	97.66	93.50	84.55	85.76
Canaryseed*	44.43	43.61	53.84	69.80	81.71	68.97	82.20	85.90	83.85	82.50
Dry Peas	68.32	62.01	64.72	74.51	85.87	72.48	90.90	89.10	88.30	93.36
Fababeans	68.32	62.01	64.72	74.51	85.87	69.55	99.57	89.10	88.30	93.36
Lentils	49.55	48.63	60.04	77.84	91.12	76.92	91.67	93.25	89.20	94.54
Mustardseed*	40.87	40.32	48.73	63.56	72.42	60.36	71.13	71.84	74.95	79.77
Soybeans							103.28	104.31	108.83	93.00
Sunflowerseed	46.42	46.59	55.34	71.19	103.88	86.58	90.25	92.60	90.50	94.59
Beans*	54.94	53.93	66.58	86.32	101.04	85.29	101.65	107.60	106.60	133.11

$ per acre	1986/87	1987/88	1988/89	1989/90	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96
All Wheat	87.86	79.50	82.70	88.79	88.44	89.19	84.85	87.40	88.96	96.68
Oats*	77.05	69.71	72.52	77.86	77.55	78.21	74.41	76.64	78.01	76.18
Barley	83.60	75.75	79.40	84.01	82.69	84.31	81.72	83.70	84.28	92.23
Rye*	65.70	57.50	60.77	63.40	64.74	68.10	66.60	66.76	67.95	73.85
Flax	80.93	66.60	70.12	77.63	79.50	82.79	77.60	78.12	80.76	86.41
Canola	112.05	100.50	103.09	108.99	112.31	124.70	122.22	122.49	125.10	143.16
Mixed Grain*	82.84	74.99	78.21	83.55	82.89	83.90	80.33	82.58	83.75	88.36
Grain Corn	167.86	156.67	142.31	154.45	152.96	152.48	147.47	148.37	160.31	171.62
Tame Hay*			60.77	63.40	64.74	68.10	66.60	66.76	67.95	73.85
Fodder Corn*			112.51	121.62	120.70	120.84	116.16	117.89	124.64	134.15
Buckwheat	91.05	82.30	85.64	94.75	89.51	103.10	93.19	96.29	102.49	106.67
Canaryseed*	87.86	79.50	82.70	88.79	88.44	89.19	84.85	87.40	88.96	96.68
Dry Peas	96.05	87.95	94.82	106.73	112.78	111.72	103.64	102.01	104.73	105.97
Fababeans	96.05	87.95	94.82	106.73	112.78	111.72	103.64	102.01	104.73	105.97
Lentils	97.21	92.01	91.11	98.17	101.86	114.71	108.57	107.21	108.58	127.18
Mustardseed*	81.22	70.81	92.99	98.31	101.30	112.48	110.24	110.48	112.84	129.13
Soybeans*	94.36	84.63	86.81	91.78	94.57	105.01	102.92	103.15	105.34	120.55
Sunflowerseed	100.38	87.95	93.16	98.28	107.21	101.97	100.07	101.45	105.23	111.21
Triticale*			74.29	78.73	78.62	80.53	77.72	79.29	80.40	87.59
Beans*	138.75	164.90	121.42	130.75	135.66	152.78	144.60	142.79	144.61	169.39

$ per acre	1996/97	1997/98	1998/99	99/2000	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06
All Wheat	105.04	105.06	105.38	105.82	102.67	117.31	111.56	121.91	121.09	121.34
Oats*	82.14	84.37	82.43	84.02	80.68	87.24	83.95	98.45	94.60	95.18
Barley	98.77	102.48	101.55	99.48	96.46	100.07	96.57	111.99	110.85	111.74
Rye*	80.23	80.25	80.49	80.83	78.42	81.47	77.48	84.67	82.34	82.50
Flax	88.52	101.19	99.38	99.11	98.28	102.51	95.21	106.49	104.11	105.85
Canola	155.06	164.24	161.60	154.49	151.84	152.23	142.69	159.32	146.82	151.26
Mixed Grain	95.32	97.30	96.45	96.02	93.15	101.54	97.36	110.78	108.84	109.42
Grain Corn	185.85	182.34	184.04	182.16	177.74	189.34	185.49	201.03	202.42	208.67
Tame Hay*	80.23	80.25	80.49	80.83	78.42	81.47	77.48	84.67	82.34	82.50
Fodder Corn*	145.45	143.70	144.71	143.99	140.21	153.33	148.53	161.47	161.75	165.01
Buckwheat	109.31	104.92	104.92	104.21	103.30	110.01	98.83	104.30	106.66	111.52
Canaryseed*	105.04	105.06	105.38	105.82	102.67	117.31	111.56	121.91	108.65	102.33
Dry Peas	122.79	139.86	151.66	128.60	111.75	108.58	107.86	123.80	113.45	115.14
Fababeans	122.79	139.86	151.66	128.60	111.75	108.58	107.86	123.80	113.45	115.14
Lentils	124.46	107.22	118.55	105.14	132.18	133.39	151.74	158.54	159.21	157.47
Mustardseed*	139.86	148.14	145.76	139.35	133.62	133.96	125.57	140.20	133.29	137.32
Soybeans*	130.57	138.30	136.08	130.09	127.86	128.19	126.49	141.37	151.06	155.27
Sunflowerseed	115.94	117.96	127.51	151.79	141.13	159.90	166.05	188.79	177.36	183.55
Triticale*	94.68	95.93	95.81	95.38	92.52	99.62	95.20	106.19	104.76	105.19
Beans*[1]	165.76	222.55	246.06	218.23	207.38	207.59	230.41	237.60	262.96	268.74
Hemp, Oilseed									121.55	127.07
Hemp, Fiber									134.91	141.20

* For some years, costs may have been estimated by proxy. P.S. 2004/05 has been revised.
SOURCE: Manitoba Agriculture, Food and Rural Initiatives

TABLE 114: Historical Total Costs of Crop Production
(including labour)

$ per acre	1976/77	1977/78	1978/79	1979/80	1980/81	1981/82	1982/83	1983/84	1984/85	1985/86
All Wheat	92.99	96.44	108.99	139.85	167.91	153.32	171.35	166.60	164.25	161.50
Oats*	91.49	96.66	103.37	134.29	163.70	149.48	167.05	162.42	160.13	150.02
Barley	98.36	103.12	115.19	145.89	175.86	150.81	169.41	163.40	159.80	157.67
Rye*	77.12	82.44	89.04	115.20	140.77	128.54	147.49	144.00	140.80	138.79
Flax	97.28	102.64	112.79	114.07	168.62	140.60	157.86	153.00	152.30	150.59
Canola	90.68	95.86	107.25	139.46	166.15	151.27	168.01	160.35	163.50	167.44
Mixed Grain*	94.28	98.74	109.18	140.01	169.16	151.20	169.27	164.14	161.39	156.40
Grain Corn	134.12	144.30	158.28	197.67	230.00	210.01	264.50	262.90	270.75	262.98
Buckwheat	89.26	94.67	103.20	133.02	169.52	148.48	189.26	174.20	164.95	164.76
Canaryseed*	92.99	96.44	108.99	139.85	167.91	153.32	171.35	166.60	164.25	161.50
Dry Peas	115.56	113.39	118.23	142.86	170.13	155.35	182.50	169.80	173.60	177.36
Fababeans*	115.56	113.39	118.23	142.86	170.13	153.90	191.17	169.80	173.60	177.36
Lentils	123.25	120.94	126.10	152.37	181.45	165.69	185.17	175.75	174.50	178.54
Mustardseed*	88.11	91.70	102.24	131.91	156.68	141.27	158.01	150.35	153.50	167.44
Soybeans*							196.77	188.63	192.84	175.54
Sunflowerseed	98.87	103.63	114.84	146.02	195.21	177.73	187.55	178.55	176.60	179.59
Beans*	127.18	124.79	130.12	157.22	187.24	170.97	200.85	202.30	201.60	226.11

$ per acre	1986/87	1987/88	1988/89	1989/90	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96
All Wheat	163.91	148.95	148.19	164.18	162.63	157.56	147.28	151.63	154.11	157.37
Oats*	152.26	138.37	137.66	152.51	151.07	146.36	136.82	140.86	143.16	136.87
Barley	159.65	145.20	144.89	159.40	156.88	152.68	144.15	147.93	149.43	152.92
Rye*	141.75	126.95	126.26	138.79	138.93	136.47	129.03	130.99	133.13	135.95
Flax	156.98	136.05	135.61	153.02	153.69	151.16	140.03	142.35	145.91	147.10
Canola	166.10	147.95	168.58	184.38	186.50	193.07	184.65	186.72	190.25	203.85
Mixed Grain*	158.61	144.17	143.58	158.70	156.86	152.20	142.75	146.81	148.90	149.05
Grain Corn	263.56	241.37	229.49	255.23	253.74	247.04	234.05	236.75	249.59	248.65
Tame Hay*			126.26	138.79	138.93	136.47	129.03	130.99	133.13	135.95
Fodder Corn*			188.84	209.71	208.19	202.30	190.67	194.19	201.85	203.01
Buckwheat	167.90	151.75	151.13	170.14	163.70	171.47	155.62	160.52	167.64	167.36
Canaryseed*	163.98	148.95	148.19	164.18	162.63	157.56	147.28	151.63	154.11	157.37
Dry Peas	176.90	163.30	174.65	199.32	205.37	198.50	182.89	183.06	170.78	167.46
Fababeans*	176.90	163.30	174.65	199.32	205.37	198.50	182.89	183.06	170.78	167.46
Lentils	178.06	165.36	157.50	174.56	177.05	184.03	171.90	172.34	174.63	188.67
Mustardseed*	166.10	147.95	168.58	184.38	186.50	193.07	184.65	186.72	190.25	203.85
Soybeans*	173.81	157.19	155.24	170.55	172.09	176.44	168.15	170.26	173.41	183.96
Sunflowerseed	181.83	160.20	160.45	175.60	183.40	172.24	164.30	167.48	172.18	173.50
Triticale*			139.78	154.12	152.81	148.90	140.15	143.52	145.56	148.75
Beans*	228.00	244.95	203.95	228.34	231.60	240.73	224.86	225.44	228.43	246.80

$ per acre	1996/97	1997/98	1998/99	99/2000	2000/01	2001/02	2002/03	2003/04	2004/05	2005/06
All Wheat	168.06	161.20	164.82	172.64	168.74	187.13	175.70	192.55	191.73	170.68
Oats*	145.16	140.51	141.87	150.85	146.75	157.06	148.09	169.09	165.24	165.63
Barley	161.79	158.62	160.99	166.30	162.53	169.89	160.71	182.63	181.49	181.49
Rye*	147.70	147.73	148.18	148.80	144.37	164.96	156.87	171.43	152.98	153.34
Flax	151.54	157.33	158.82	165.93	164.35	172.33	159.35	177.13	177.75	178.17
Canola	218.08	220.38	221.04	221.31	217.91	222.05	206.83	229.96	217.46	217.97
Mixed Grain*	158.34	153.44	155.89	160.47	159.34	171.36	161.50	181.42	179.48	172.60
Grain Corn	269.10	255.32	260.42	268.80	263.63	278.98	267.77	299.31	300.69	301.40
Tame Hay*	147.70	147.73	148.18	148.80	144.37	164.96	156.87	171.43	152.98	153.34
Fodder Corn*	218.58	208.26	212.62	220.72	216.19	233.06	221.74	245.93	246.21	236.04
Buckwheat	172.33	161.06	164.36	170.03	169.37	179.83	162.97	174.94	177.30	177.72
Canaryseed*	168.06	161.20	164.82	172.64	168.74	187.13	175.70	192.55	181.29	189.65
Dry Peas	186.61	196.70	211.80	195.42	177.82	178.40	172.00	196.44	186.09	186.53
Fababeans*	186.61	196.70	211.80	195.42	177.82	178.40	172.00	196.44	186.09	186.53
Lentils	188.28	164.06	178.69	171.96	198.25	203.21	215.88	231.18	224.83	225.36
Mustardseed*	218.08	220.38	221.04	221.31	199.69	203.78	189.71	210.84	203.93	204.03
Soybeans*	196.47	196.96	198.18	199.91	196.89	201.14	192.33	214.01	225.04	233.50
Sunflowerseed	180.56	175.50	188.35	218.61	207.20	229.72	230.19	261.43	251.86	239.17
Triticale*	159.18	155.85	158.00	162.58	158.55	173.99	164.43	182.20	175.40	168.50
Beans*[2]	246.29	285.63	311.10	299.38	288.53	291.74	305.67	325.92	350.42	344.25
Hemp, Oil									193.59	203.36
Hemp, Fiber									202.05	212.59

* For some years, costs may have been estimated by proxy. P.S. 2004/05 has been revised.
SOURCE: Manitoba Agriculture, Food and Rural Initiatives

LIVESTOCK

TABLE 115: Historical Production Value Summary of Livestock

Year	Cattle	Hogs	Lambs & Wool	Dairy	Poultry	Other Livestock*	TOTAL
	thousand dollars						
1960	50.142	17.820	614	30.959	22.031		121.566
1961	51.816	25.662	701	30.952	23.393		132.524
1962	53.048	19.614	609	30.962	21.907		126.140
1963	56.518	23.688	628	30.730	23.860		135.424
1964	54.120	25.740	629	29.986	23.856		134.331
1965	54.929	29.760	552	30.425	26.843		142.509
1966	66.341	38.324	500	29.999	30.179		165.343
1967	66.220	37.048	455	32.699	25.975		162.397
1968	64.944	35.010	400	33.775	28.522		162.651
1969	85.188	56.862	290	32.797	33.385		208.522
1970	92.303	63.826	183	32.063	33.294		221.669
1971	98.978	46.892	391	32.119	27.277		205.657
1972	112.880	71.940	470	35.980	31.879		253.149
1973	155.880	106.190	604	41.731	50.535		354.940
1974	147.840	79.402	621	57.592	53.327		338.782
1975	122.208	89.610	546	66.796	46.226		325.386
1976	133.004	87.591	406	61.829	58.455		341.285
1977	129.168	85.002	423	63.711	58.723		337.027
1978	180.780	110.000	620	67.705	61.437		420.542
1979	258.060	131.075	712	73.176	73.186		536.209
1980	248.880	118.064	886	85.606	80.171		533.607
1981	191.265	138.208	782	96.938	95.548		522.741
1982	188.692	170.408	937	106.036	95.419		561.492
1983	203.148	166.750	931	108.734	95.284		574.847
1984	240.500	191.261	960	116.172	103.904		652.797
1985	261.151	196.846	1.539	113.305	103.443		676.284
1986	296.215	254.533	1.947	117.410	103.633		773.738
1987	243.200	278.000	1.937	121.317	104.215		748.669
1988	290.700	225.000	1.803	129.165	113.075		759.743
1989	241.000	209.000	1.405	131.825	121.757	2.000	706.987
1990	318.500	251.000	1.179	128.459	125.932	3.350	828.420
1991	314.400	249.000	1.168	127.850	117.025	8.000	817.443
1992	318.500	235.000	1.259	123.801	114.028	12.200	804.788
1993	338.500	296.000	1.549	123.787	117.099	16.500	893.435
1994	366.600	302.000	2.051	135.583	121.428	19.500	947.162
1995	335.000	353.000	1.973	136.639	126.994	23.800	977.406
1996	333.000	466.000	2.572	138.923	136.325	27.900	1.104.720
1997	330.000	513.000	3.200	144.958	136.249	31.000	1.158.407
1998	407.000	422.000	2.863	149.910	143.142	31.200	1.156.115
1999	444.000	495.000	3.029	155.425	144.240	37.100	1.278.790
2000	489.000	715.000	4.726	156.196	161.350	34.800	1.561.100
2001	566.000	860.000	5.228	159.275	172.340	27.500	1.790.340
2002	510.000	760.000	5.487	164.182	179.027	33.400	1.652.096
2003	507.000	798.000	5.114	174.422	187.238	27.900	1.699.674
2004	282.000	941.000	3.459	178.785	189.203	19.800	1.614.247

* Estimated value of other livestock commencing in 1989.

SOURCE: Statistics Canada; Agriculture and Agri-Food Canada; Wyeth Organics; Manitoba Agriculture, Food and Rural Initiatives.

TABLE 116: Historical Production and Value of Cattle

Year	Commercial Marketings*	Local Slaughterings	Inventory Change	TOTAL	Value** per Animal	TOTAL VALUE
	thousand animals				$	($000)
1960	317	22	53	366	137	50.142
1961	371	26	-16	381	136	51.816
1962	253	23	73	349	152	53.048
1963	277	24	66	367	154	56.518
1964	337	24	49	410	132	54.120
1965	447	28	-62	413	133	54.929
1966	421	28	-42	407	163	66.341
1967	409	28	-52	385	172	66.220
1968	398	28	-57	369	176	64.944
1969	261	27	84	372	229	85.188
1970	312	26	45	383	241	92.303
1971	355	26	28	409	242	98.978
1972	347	26	42	415	272	112.880
1973	332	28	73	433	360	155.880
1974	351	26	71	448	330	147.840
1975	460	34	-38	456	268	122.208
1976	447	31	-40	438	258	133.004
1977	500	26	-58	468	276	129.168
1978	461	23	-91	393	460	180.780
1979	413	21	-43	391	660	258.060
1980	393	22	-7	408	610	248.880
1981	321	20	-30	311	615	191.265
1982	387	15	-80	322	586	188.692
1983	342	20	-20	342	594	203.148
1984	383	18	-33	368	653	240.500
1985	411	9	-27	393	664	261.151
1986	434	10	0	444	667	296.215
1987	399	10	-29	380	640	243.200
1988	400	10	-14	396	734	290.700
1989	378	8	-6	380	634	241.000
1990	403	8	7	418	762	318.500
1991	371	6	69	446	705	314.400
1992	442	6	5	453	703	318.500
1993	405	5	-7	403	840	338.500
1994	385	2	83	470	780	366.600
1995	406	2	85	493	680	335.000
1996	443	2	75	520	640	333.000
1997	462	2	-17	447	740	330.000
1998	506	2	-36	472	862	407.000
1999	537	0	-16	521	853	444.000
2000	475	0	45	520	940	489.000
2001	505	0	40	545	1.040	566.000
2002	530	0	5	535	950	510.000
2003[e]	381	0	200	581	869	505.000
2004	402	0	40	442	638	282.000

* Inshipments have been subtracted from total commercial marketings.
** Rounded to nearest dollar.
SOURCE: Statistics Canada; Agriculture and Agri-Food Canada; Manitoba Agriculture, Food and Rural Initiatives

TABLE 117: Historical Commercial Marketings of Cattle - Manitoba Origin

Year	Under 1 Year		1 Year and Over		TOTAL		
	Animals	Value	Animals	Value	Animals	Value Each	VALUE
	(000)	($000)	(000)	($000)	(000)	$	($000)
1960	87	6,197	230	37,387	317	137	43,584
1961	111	8,721	291	46,143	402	136	54,864
1962	93	7,921	220	39,778	313	152	47,699
1963	90	6,776	257	46,581	347	154	53,357
1964	109	6,016	290	46,649	399	132	52,665
1965	165	11,068	363	59,234	528	133	70,302
1966	156	13,081	352	69,811	508	163	82,892
1967	165	15,135	335	70,886	500	172	86,021
1968	147	13,065	321	69,510	468	176	82,575
1969	94	10,682	298	79,123	392	229	89,805
1970	97	13,738	319	86,454	416	241	100,192
1971	109	15,674	308	85,169	417	242	100,843
1972	108	16,621	324	100,766	432	272	117,387
1973	105	24,044	324	130,370	429	360	154,414
1974	73	11,460	325	119,880	398	330	131,340
1975	91	9,874	421	127,342	512	268	137,216
1976	102	11,901	465	134,385	567	258	146,286
1977	122	15,494	517	160,870	639	276	176,364
1978	76	20,748	447	219,832	523	460	240,580
1979	73	32,131	371	260,909	444	660	293,040
1980	70	25,054	374	245,786	444	610	270,840
1981	47	14,095	320	211,610	367	615	255,705
1982	68	21,796	367	233,114	435	586	254,910
1983	72	35,576	306	188,956	378	594	224,532
1984	42	14,322	369	254,061	411	653	268,383
1985	56	19,712	378	268,464	434	664	288,176
1986	116	49,519	343	256,634	459	667	306,153
1987	127	72,340	293	196,460	420	640	268,800
1988	116	68,900	309	243,000	425	734	311,900
1989	110	60,000	268	179,600	378	634	239,600
1990	66	39,500	337	267,600	403	762	307,100
1991	61	32,600	310	231,700	371	712	264,300
1992	71	36,100	371	274,900	442	704	311,000
1993	78	48,000	327	292,000	405	840	340,000
1994	71	43,000	314	267,000	385	804	310,000
1995	95	48,000	311	241,000	406	712	289,000
1996	55	22,000	388	278,000	443	677	300,000
1997	107	60,000	355	280,000	462	736	340,000
1998	87	52,000	419	382,000	506	856	434,000
1999	146	94,900	391	361,100	537	849	456,000
2000	101	77,000	374	376,000	475	954	453,000
2001	82	63,400	423	468,600	505	1,055	532,000
2002	74	100,000	456	400,000	530	940	500,000
2003[R]	56	56,000	325	284,000	381	892	340,000
2004	117	58,000	284	207,000	402	659	265,000

SOURCE: Manitoba Health, Canadian Food Inspection Agency, AAFC

TABLE 118: Historical Production and Value of Hogs

Year	Commercial Marketings	Local Slaughterings	Inventory Change	TOTAL	Value* per Animal	TOTAL VALUE
	thousand animals				$	($000)
1960	506	76	-87	495	36	17,820
1961	519	66	26	611	42	25,662
1962	467	60	-60	467	42	19,614
1963	437	50	77	564	42	23,688
1964	582	52	26	660	39	25,740
1965	579	49	-8	620	48	29,760
1966	595	47	95	737	52	38,324
1967	766	56	20	842	44	37,048
1968	751	53	-26	778	45	35,010
1969	778	50	225	1,053	54	56,862
1970	1,093	50	215	1,358	47	63,826
1971	1,352	57	-175	1,234	38	46,892
1972	1,238	50	20	1,308	55	71,940
1973	1,277	55	-37	1,295	82	106,190
1974	1,270	53	-250	1,073	74	79,402
1975	886	52	-68	870	103	89,610
1976	835	46	22	903	97	87,591
1977	852	37	25	914	93	85,002
1978	895	10	65	1,000	110	110,000
1979	1,084	36	105	1,225	107	131,075
1980	1,250	30	-24	1,256	94	118,064
1981	1,220	23	-9	1,234	112	138,208
1982	1,229	24	0	1,253	136	170,408
1983	1,358	20	72	1,450	115	166,750
1984	1,583	26	40	1,649	116	191,261
1985	1,777	20	-55	1,742	113	196,846
1986	1,743	21	41	1,805	141	254,533
1987	1,825	15	177	2,017	138	278,000
1988	2,056	16	73	2,145	105	225,000
1989	2,178	18	-125	2,071	101	209,000
1990	1,957	18	53	2,028	124	251,000
1991	2,092	17	97	2,206	113	249,000
1992	2,280	14	9	2,303	102	235,000
1993	2,305	13	51	2,369	125	296,000
1994	2,383	8	171	2,562	118	302,000
1995	2,834	4	149	2,987	118	353,000
1996	3,105	3	56	3,164	147	466,000
1997	3,400	4	111	3,515	146	513,000
1998	3,970	5	85	4,060	104	422,000
1999	4,887	8	145	5,040	98	495,000
2000	5,296	10	234	5,540	129	715,000
2001	6,030	13	307	6,350	135	860,000
2002	6,450	10	190	6,650	114	760,000
2003	7,290	13	27	7,330	109	798,000
2004	8,037	13	18	8,068	117	941,000

* Values rounded to nearest dollar.

SOURCE: Statistics Canada; Agriculture and Agri-Food Canada; Canadian Food Inspection Agency; Manitoba processing plants

TABLE 119: Historical Commercial Hog Marketings - Manitoba Origin

Year	Animals (000)	Value* Each $	TOTAL VALUE ($000)
1960			
1961	519	42	21,798
1962	467	42	19,614
1963	437	42	18,354
1964	582	39	22,698
1965	579	48	27,792
1966	595	52	30,940
1967	766	44	33,704
1968	751	45	33,795
1969	778	54	42,012
1970	1,093	47	51,371
1971	1,352	38	51,376
1972	1,238	55	68,090
1973	1,277	82	104,714
1974	1,270	74	93,980
1975	886	103	91,258
1976	835	97	80,995
1977	852	93	79,236
1978	895	110	98,450
1979	1,084	107	115,988
1980	1,250	94	117,500
1981	1,220	112	136,640
1982	1,229	136	167,144
1983	1,358	115	156,170
1984	1,583	116	183,628
1985	1,777	113	200,801
1986	1,743	141	245,763
1987	1,825	138	251,850
1988	2,056	105	215,880
1989	2,178	101	219,980
1990	1,957	124	242,670
1991	2,092	113	236,400
1992	2,280	102	233,000
1993	2,305	125	288,000
1994	2,383	118	281,000
1995	2,834	118	335,000
1996	3,105	147	457,000
1997	3,400	149	505,000
1998	3,970	106	419,000
1999	4,887	99	484,000
2000	5,296	130	690,000
2001	6,030	138	830,000
2002	6,450	115	745,000
2003	7,290	110	800,000
2004	8,037	116	936,000

* Values rounded to nearest dollar.

SOURCE: Statistics Canada; Agriculture and Agri-Food Canada; Canadian Food Inspection Agency; Manitoba processing plants.

TABLE 120: Historical Production and Value of Lambs and Wool

Year	Manitoba-Origin Lamb Marketings		Shorn Wool Sold or Used on Farms			Total VALUE
	Animals	Value	Kilograms	Pounds	Value	
	(000)	($000)	(000)	(000)	($000)	($000)
1960	37	502	112	247	112	614
1961	42	561	128	283	140	701
1962	36	492	116	256	117	609
1963	34	516	107	236	112	628
1964	33	528	96	211	101	629
1965	28	439	85	188	113	552
1966	24	422	74	163	78	500
1967	23	384	74	163	71	455
1968	16	337	62	137	63	400
1969	10	240	58	128	50	290
1970	6	126	68	149	57	183
1971	17	357	68	150	34	391
1972	19	437	60	132	33	470
1973	18	507	63	138	97	604
1974	18	569	65	142	52	621
1975	15	520	44	98	26	546
1976	11	374	38	84	32	406
1977	10	388	43	95	35	423
1978	11	570	49	108	50	620
1979	13	655	39	85	57	712
1980	17	806	52	116	80	886
1981	18	700	60	133	82	782
1982	22	883	57	125	54	937
1983	20	874	62	136	57	931
1984	21	895	53	117	65	960
1985	20	1,494	47	104	45	1,539
1986	23	1,906	39	85	41	1,947
1987	21	1,883	41	90	54	1,937
1988	21	1,717	45	99	86	1,803
1989	21	1,331	51	112	74	1,405
1990	22	1,165	38	84	14	1,179
1991	25	1,148	46	101	20	1,168
1992	24	1,210	59	131	49	1,259
1993	21	1,500	58	128	49	1,549
1994	23	2,000	48	106	51	2,051
1995	24	1,900	59	130	73	1,973
1996	28	2,500	82	181	72	2,572
1997	32	3,100	83	182	100	3,200
1998	35	2,800	65	142	63	2,863
1999	38	3,000	66	145	29	3,029
2000	48	4,700	63	139	26	4,726
2001	59	5,200	56	123	28	5,228
2002	57	5,400	81	179	87	5,487
2003[P]	53	5,000	114	229	70	5,070
2004	51	3,388	164	362	71	3,459

SOURCE: Statistics Canada; Agriculture and Agri-Food Canada; Manitoba Health; Canadian Wool Growers Cooperative.

TABLE 121: Historical Production and Value of Dairy Products

Year	Milk Production		Factory Products				
	Whole Milk or Equivalent	Total Farm Value	Creamery Butter	Cheddar Cheese	Cereal & Whipping Cream	Variety Cheese	Ice Cream*
	(million litres)	($000)	(tonnes)	(tonnes)	(kilolitres)	(tonnes)	(kilolitres)
1960	468	30,959	11,239	221			9,547
1961	464	30,952	11,466	250			10,342
1962	466	30,962	11,614	286			10,760
1963	458	30,730	11,295	371			12,297
1964	442	29,986	10,688	428			13,333
1965	417	30,425	9,891	519			13,397
1966	382	29,999	8,559	654			13,220
1967	366	32,699	7,743	961			14,365
1968	367	33,775	8,009	909			14,356
1969	363	32,797	7,765	1,467			14,734
1970	351	32,063	7,100	1,919			15,284
1971	338	32,119	6,225	2,642			14,911
1972	355	35,980	5,906	4,324			15,465
1973	352	41,731	5,446	4,424			16,020
1974	333	57,592	4,611	4,248			17,556
1975	321	66,796	4,744	4,627			19,266
1976	281	61,829	4,053	4,615			20,448
1977	284	63,711	4,131	4,885			18,872
1978	283	67,705	4,277	5,121			18,774
1979	280	73,176	4,205	6,011			19,568
1980	288	85,606	4,199	6,857			20,941
1981	289	96,938	3,774	6,465			21,593
1982	294	106,036	4,266	4,788			20,660
1983	292	108,734	3,857	6,702			20,896
1984	297	116,172	3,847	6,906			19,277
1985	290	113,305	3,746	6,465			18,556
1986	291	117,410	3,859	5,859			16,962
1987	307	121,317	4,147	6,339			17,072
1988	311	129,165	4,506	6,100			16,210
1989	302	131,825	4,325	6,192			16,335
1990	293	128,459	4,562	5,895			15,799
1991	286	127,850	4,295	5,435			16,615
1992	277	123,801	4,841	5,183			17,081
1993	267	123,787	4,428	5,172			17,922
1994	281	135,583	4,412	6,964			18,394
1995	281	136,639	4,355	7,059	3,542	4,004	17,990
1996	274	138,923	4,828	5,846	3,358	4,860	15,361
1997	281	144,958	NA	7,183	2,848	4,927	NA
1998	286	149,910	NA	7,857	2,828	5,430	NA
1999	288	155,425	NA	7,143	2,830	6,171	NA
2000	294	156,196	NA	9,860	4,226	5,010	NA
2001	290	159,275	NA	7,513	3,307	7,011	NA
2002	286	164,182	NA	5,927	3,796	8,140	NA
2003[R]	290	174,422	NA	7,537	4,066	6,871	NA
2004	301	178,785	NA	6,626	4,399	8,456	NA

* Approximately two parts of ice-cream are made from one part of ice-cream mix.
SOURCE: Statistics Canada; Manitoba Milk Producers.

TABLE 121: Dairy Products Continued

Year	Milk Production		Factory Products				
	Whole Milk or Equivalent	Total Farm Value	Creamery Butter	Cheddar Cheese	Cereal & Whipping Cream	Variety Cheese	Ice Cream*
	(million lb)	($000)	(000 lb)	(000 lb)	(000 gal)	(000 lb)	(000 gal)
1960	1,070	30,959	24,778	487			2,100
1961	1,062	30,952	25,278	551			2,275
1962	1,066	30,962	25,605	631			2,367
1963	1,049	30,730	24,901	817			2,705
1964	1,011	29,986	23,563	944			2,933
1965	955	30,425	21,806	1,145			2,947
1966	875	29,999	18,868	1,441			2,908
1967	837	32,699	17,071	2,118			3,160
1968	840	33,775	17,656	2,004			3,158
1969	831	32,797	17,119	3,235			3,241
1970	804	32,063	15,652	4,230			3,362
1971	774	32,119	13,723	5,824			3,280
1972	813	35,980	13,020	9,532			3,402
1973	805	41,731	12,006	9,753			3,524
1974	763	57,592	10,165	9,366			3,862
1975	735	66,796	10,458	10,201			4,238
1976	643	61,829	8,935	10,174			4,498
1977	649	63,711	9,107	10,769			4,151
1978	647	67,705	9,429	11,290			4,130
1979	641	73,176	9,270	13,252			4,304
1980	659	85,606	9,257	15,117			4,606
1981	661	96,938	8,320	14,253			4,750
1982	673	106,036	9,405	10,556			4,545
1983	668	108,734	8,503	14,776			4,597
1984	680	116,172	8,481	15,225			4,240
1985	664	113,305	8,258	14,253			4,082
1986	666	117,410	8,507	12,917			3,731
1987	703	121,317	9,142	13,975			3,755
1988	712	129,165	9,934	13,448			3,566
1989	691	131,825	9,535	13,651			3,593
1990	670	128,459	10,057	12,996			3,475
1991	654	127,850	9,469	11,982			3,654
1992	634	123,801	10,672	11,426			3,757
1993	611	123,787	9,762	11,402			3,941
1994	643	135,583	9,727	15,353			4,129
1995	642	136,639	9,601	15,562	779	8,827	4,165
1996	627	138,923	10,644	12,888	739	10,715	3,703
1997	643	144,958	NA	15,836	626	10,862	NA
1998	654	149,910	NA	17,322	622	11,971	NA
1999	660	155,425	NA	15,747	622	13,604	NA
2000	672	156,196	NA	21,737	930	11,045	NA
2001	664	159,275	NA	16,563	727	15,456	NA
2002	655	164,182	NA	13,067	835	17,945	NA
2003[R]	664	174,422	NA	16,616	894	15,148	NA
2004	689	178,785	NA	14,608	968	18,642	NA

* Approximately two parts of ice-cream are made from one part of ice-cream mix.

SOURCE: Statistics Canada; Manitoba Milk Producers.

TABLE 122: Historical Production Value Summary of Poultry

Year	Eggs for Consumption	Chicken/Turkey Hatching Eggs	Total Value of Eggs	Number of Broiler Chickens	Number of Turkeys	Total Value of Poultry Meat	TOTAL VALUE
	000 dozen		000 dollars	000 birds		000 dollars	
1960			9,990		915	12,041	22,031
1961			10,079		1,145	13,314	23,393
1962	35,919	1,079	10,467	4,043	1,263	11,440	21,907
1963	36,358	1,202	12,119	4,972	1,237	11,741	23,860
1964	41,537	1,332	11,519	5,984	1,269	12,337	23,856
1965	41,254	1,502	13,429	6,362	1,330	13,414	26,843
1966	39,937	1,695	15,877	6,130	1,318	14,302	30,179
1967	47,215	1,623	14,378	5,844	1,108	11,597	25,975
1968	49,656	1,474	16,624	6,352	941	11,898	28,522
1969	52,052	1,688	19,944	8,138	937	13,441	33,385
1970	58,889	1,795	18,679	8,750	1,270	14,615	33,294
1971	55,968	1,638	14,176	7,175	1,305	13,115	27,291
1972	50,688	1,553	15,931	8,518	1,334	15,948	31,879
1973	52,458	1,371	26,992	9,189	1,325	23,543	50,535
1974	49,303	1,472	28,280	8,662	1,296	25,047	53,327
1975	48,573	1,335	25,774	8,649	960	20,452	46,226
1976	47,897	1,223	30,693	10,829	1,207	27,762	58,455
1977	47,275	1,250	30,232	10,394	1,250	28,491	58,723
1978	48,012	1,626	31,876	11,720	1,157	31,644	63,520
1979	47,389	1,777	34,978	12,662	1,301	38,208	73,186
1980	49,432	2,020	40,069	13,159	1,254	40,102	80,171
1981	49,660	2,202	47,940	13,865	1,181	47,608	95,548
1982	49,746	2,140	46,054	13,584	1,246	49,365	95,419
1983	50,490	2,159	47,375	13,073	1,169	47,909	95,284
1984	50,036	2,263	51,808	14,302	1,184	52,096	103,904
1985	50,354	2,474	51,415	15,306	1,242	52,120	103,535
1986	50,876	2,548	50,840	15,711	1,311	53,162	104,002
1987	52,211	2,641	50,564	16,615	1,277	52,422	102,986
1988	52,672	2,674	55,294	16,237	1,378	58,628	113,922
1989	51,507	2,780	62,207	16,504	1,442	59,550	121,757
1990	49,831	3,694	62,845	17,256	1,590	63,087	125,932
1991	51,288	2,606	60,731	17,391	1,594	57,982	118,713
1992	49,964	2,599	58,490	16,934	1,635	56,582	115,072
1993	49,253	2,589	59,877	17,361	1,583	57,377	117,254
1994	48,320	2,872	60,849	19,122	1,347	57,465	118,314
1995	48,674	3,116	66,998	19,262	1,384	57,584	124,582
1996	49,868	2,937	73,185	20,028	1,398	63,140	136,325
1997	49,968	2,128	70,142	20,571	1,309	66,107	136,249
1998	49,528	2,205	68,503	24,238	1,320	74,639	143,142
1999	51,698	2,480	71,055	24,943	1,304	73,185	144,240
2000	71,435	2,860	86,900	26,331	1,465	74,450	161,350
2001	69,500	2,950	90,300	27,929	1,310	82,040	172,340
2002	71,650	3,290	99,500	27,540	1,330	79,000	179,027
2003[R]	70,844	3,054	102,134	27,567	1,405	83,558	186,692
2004	69,030	3,247	101,784	28,530	1,374	85,321	189,203

SOURCE: Statistics Canada; Agriculture and Agri-Food Canada; Manitoba Chicken Producers; Manitoba Egg Producers; Manitoba Turkey Producers.

TABLE 123: Historical Production Value Summary of Other Livestock

	Bison	Deer & Elk	Emus & Rheas	Goats	Horses	Llamas & Alpacas	Ost-riches	Pheasants	Rabbits	Wild Boars	TOTAL
	million dollars										
1990	0.5			0.4	1.4		0.1	0.8	0.1	0.05	3.35
1991	1.0			0.4	5.4		0.5	0.4	0.1	0.2	8.0
1992	1.5			0.45	6.0		2.3	0.8	0.2	0.95	12.2
1993	2.0		0.4	0.5	8.4	0.08	2.9	1.0	0.22	1.0	16.5
1994	5.0	0.2	0.4	0.43	8.5	0.07	2.4	1.0	0.5	1.0	19.5
1995	7.0	0.2	0.2	0.6	9.5	0.2	3.1	0.2	0.3	2.5	23.8
1996	8.0	0.2	4.0	1.0	8.3	0.5	3.5	0.2	0.2	2.0	27.9
1997	8.5	1.6	2.0	0.9	11.0	0.4	4.5	0.5	0.1	1.5	31.0
1998	9.3	3.5	1.0	1.1	12.0	0.2	2.0	0.5	0.1	1.5	31.2
1999	12.0	2.6	1.0	1.3	16.0	0.5	1.5	0.5	0.2	1.5	37.1
2000	14.0	1.3	0.3	1.2	15.0	0.6	0.5	0.4	0.2	1.2	34.8
2001	6.0	0.9	0.2	1.3	16.0	0.7	0.5	0.3	0.4	1.2	27.5
2002	2.5	1.8	0.3	1.3	23.0	0.7	1.5	0.5	0.4	1.4	33.4
2003	1.1	1.2	-	1.3	21.0	0.5	1.0	0.5	0.3	1.0	27.9
2004	3.0	1.3	-	1.2	12.0	1.0	-	-	0.3	1.0	19.8

SOURCE: Various, Manitoba Agriculture, Food and Rural Initiatives

TABLE 124: Historical Manitoba Cattle Prices* by Weight Class

$/cwt live	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
SLAUGHTER CATTLE										
STEERS										
A Grade	82.00	78.69	82.70	82.63	86.78	95.28	103.45	96.91	90.22	71.74
HEIFERS										
A Grade	80.67	77.49	81.44	81.94	86.65	95.31	103.45	96.90	89.76	71.25
COWS										
D1,2	53.82	47.22	51.91	53.30	56.40	61.55	66.43	58.65	39.26	22.31
D3		36.60	43.31	45.83	48.30	53.26	57.81	53.04	32.47	14.58
BULLS	62.04	51.76	58.64	51.85	65.43	73.20	78.78	74.84	44.08	20.75
FEEDER CATTLE										
STEERS										
+400 kg (+900 lb)	84.55	74.49	89.34	92.73	98.14	110.55	115.88	106.60	101.70	75.14
350-400 kg (801-900 lb)	89.33	75.91	94.38	99.42	104.84	118.87	125.07	113.07	106.15	79.79
300-350 kg (701-800 lb)	94.51	76.91	98.58	104.52	110.97	126.10	132.80	118.54	111.36	85.08
250-300 kg (601-700 lb)	100.22	78.14	102.90	110.26	118.87	135.89	141.60	125.14	119.52	90.14
STEER CALVES										
200-250 kg (501-600 lb)	106.88	79.91	106.41	116.84	126.48	147.74	154.23	133.72	126.91	95.23
150-200 kg (401-500 lb)	111.84	83.14	109.87	122.61	134.85	161.14	165.95	141.33	133.80	98.56
Under 150 kg (-400 lb)	116.83	87.53	113.06	127.16	140.42	178.16	183.43	152.58	138.96	101.64
HEIFERS										
+350 kg (+800 lb)	83.22	71.93	88.24	91.99	98.03	112.64	120.39	107.34	100.31	72.03
300-350 kg (701-800 lb)	89.28	72.49	92.82	99.72	105.50	122.73	129.03	112.75	104.50	75.88
250-300 kg (601-700 lb)	94.20	72.33	94.99	104.10	112.61	131.71	137.60	118.50	109.65	80.10
200-250 kg (501-600 lb)	99.24	72.76	97.63	110.20	119.74	143.69	149.64	126.15	115.66	84.36
HEIFER CALVES										
150-200 kg (401-500 lb)	104.26	73.68	99.57	114.19	126.55	156.28	160.88	133.84	122.93	87.75
100-150 kg (301-400 lb)	108.70	75.24	103.44	119.01	132.13	171.00	175.75	145.91	129.46	94.23
Under 100 kg (-300 lb)	-	-	-	-	-	-	-	-	-	-
FEEDER COWS	61.71	-	-	54.19	57.21	-	-	-	-	-

* Simple averages 1995-2002
SOURCE: Canfax

TABLE 125: Historical Livestock Prices by Grade, Winnipeg

Year	LIVE CATTLE						HOGS	SHEEP***
	Slaughter Steers Grade A*	Good Slaughter Cows D1,D2	Total Slaughter +227 kg	Good and Choice Veal	Good Feeder Steers 350-400 kg	Steer Calves 150-200 kg	Index 100 Dressed**	A&B Lambs 36-43 kg
	cents per kilogram							
1961	48.5	34.2	40.9	66.9	47.3	52.4	54.8	33.0
1962	56.7	37.9	45.9	73.5	53.8	60.5	56.6	35.6
1963	52.6	37.7	44.5	71.5	51.2	57.0	54.7	37.5
1964	-	34.0	39.7	67.7	46.0	49.0	51.9	38.8
1965	53.5	32.6	40.0	65.7	48.6	51.1	67.6	42.2
1966	57.1	41.6	47.2	75.7	56.3	63.1	73.7	44.1
1967	61.3	44.0	50.0	85.7	58.5	67.0	60.7	41.6
1968	61.0	43.1	51.2	83.6	59.2	68.0	62.0	47.3
1969	66.1	52.8	60.4	92.7	70.6	84.9	78.2	53.2
1970	68.5	51.6	62.5	103.0	72.8	86.9	64.4	59.1
1971	73.1	50.9	63.4	103.8	74.4	92.2	50.4	54.6
1972	78.4	58.3	70.2	117.5	85.5	102.0	75.0	61.3
1973	99.5	77.3	85.8	146.5	103.1	120.9	113.1	80.0
1974	107.5	59.8	81.5	155.0	89.6	92.4	101.7	99.1
1975	96.6	46.9	63.1	97.5	78.0	71.5	137.9	125.2
1976	86.5	50.5	61.0	103.7	79.4	80.8	130.1	88.7
1977	85.7	55.3	65.9	97.8	83.0	84.2	125.2	102.6
1978	127.9	88.0	101.9	163.2	129.3	141.6	149.5	145.8
1979	167.8	125.4	142.5	243.4	177.4	225.6	141.4	154.8
1980	167.7	114.7	135.2	243.7	167.6	195.2	124.9	143.7
1981	168.4	106.0	130.8	238.9	159.9	162.9	148.6	120.1
1982	165.7	102.3	124.3	238.0	158.3	164.6	177.7	122.0
1983	159.8	104.3	119.5	237.3	159.6	176.9	151.0	130.0
1984	171.2	106.9	126.5	241.1	165.3	184.9	154.5	144.0
1985	168.3	107.5	121.0	220.7	165.8	182.7	146.1	172.0
1986	168.9	110.4	122.9	218.2	167.6	210.6	178.8	182.0
1987	182.5	122.1	138.6	256.5	193.7	256.5	172.3	192.0
1988	178.0	122.2	137.1	264.9	196.6	250.1	132.7	155.0
1989	177.0	120.7	135.8	244.4	190.6	246.5	130.0	157.0
1990	181.5	130.2	144.9	-	196.7	256.9	157.0	132.0
1991	171.2	125.8	137.2	-	204.6	258.6	138.0	112.0
1992	179.3	126.0	139.5	-	197.8	250.0	126.3	130.0
1993	199.2	140.9	155.3	-	231.0	293.0	149.8	168.0
1994	189.2	135.6	162.8	-	224.5	292.3	139.0	192.0
1995	180.8	118.7	152.3	-	196.9	246.6	146.0	198.0
1996	173.5	104.1	NA	-	167.4	183.3	183.0	219.0
1997	182.3	114.4	NA	-	208.1	242.2	182.5	240.0
1998	182.2	117.5	NA	-	219.2	270.3	120.6	203.0
1999	191.3	124.3	NA	-	231.1	297.3	125.0	203.0
2000	210.1	135.7	NA	-	262.1	355.2	166.7	247.0
2001	228.1	146.5	NA	-	275.7	365.9	172.4	222.0
2002	213.7	129.3	NA	-	249.3	311.6	140.2	219.0
2003	198.9	86.6	NA	-	234.0	295.0	142.9	219.0
2004	156.2	49.1	NA	-	175.9	217.3	166.5	162.0

*. Commencing 1973: A1,A2 grade (450+ kg). Commencing 1994: Grade A (568+ kg).
**. Commencing July 1, 1996, includes weight premiums and bonuses.
***. Prior to 1973: prices were for Good Lambs.
SOURCE: Canfax, Agriculture and Agri-Food Canada, Manitoba Agriculture, Food and Rural Initiatives.

TABLE 125: Livestock Prices Continued

Year	LIVE CATTLE						HOGS	SHEEP***
	Slaughter Steers Grade A*	Good Slaughter Cows D1,D2	Total Slaughter +500 lb	Good and Choice Veal	Good Feeder Steers 800-900 lb	Steer Calves 400-500 lb	Index 100 Dressed**	A&B Lambs 80-94 lb
	cents per pound							
1961	22.00	15.50	18.55	30.35	21.45	23.78	24.85	14.95
1962	25.70	17.20	20.80	33.35	24.40	27.42	25.65	16.15
1963	23.85	17.10	20.20	32.45	23.20	25.85	24.80	17.00
1964	..	15.40	18.00	30.70	20.85	22.21	23.55	17.60
1965	24.25	14.80	18.15	29.80	22.05	23.20	30.65	19.15
1966	25.90	18.85	21.40	34.35	25.55	28.60	33.45	20.00
1967	27.80	19.95	22.70	38.85	26.55	30.40	27.55	18.85
1968	27.65	19.55	23.20	37.90	26.85	30.85	28.10	21.45
1969	30.00	23.95	27.40	42.05	32.00	38.50	35.45	24.15
1970	31.05	23.42	28.35	46.70	33.00	39.42	29.20	26.80
1971	33.15	23.10	28.75	47.10	33.75	41.80	22.85	24.75
1972	33.54	26.45	31.86	53.30	38.80	46.28	34.00	27.80
1973	45.14	35.76	38.91	66.44	46.76	54.85	51.31	36.29
1974	48.76	27.12	36.97	70.30	40.62	41.90	46.12	44.94
1975	43.80	21.27	28.63	44.24	35.37	32.41	62.55	56.77
1976	39.25	22.92	27.67	47.04	36.02	36.66	59.03	40.22
1977	38.89	25.10	29.88	44.37	37.66	38.21	56.78	46.56
1978	58.01	39.93	46.21	74.04	58.67	64.23	67.83	66.14
1979	76.11	56.88	64.62	110.39	80.49	102.34	64.15	70.22
1980	76.06	52.05	61.33	110.56	76.04	88.53	56.67	65.17
1981	76.37	48.10	59.31	108.37	72.55	73.88	67.40	54.48
1982	75.17	46.42	56.38	107.97	71.81	74.65	80.61	55.38
1983	72.50	47.29	54.21	107.65	72.38	80.22	68.49	59.54
1984	77.67	48.49	57.39	109.38	74.98	83.89	70.10	65.35
1985	76.34	48.75	54.89	100.12	75.21	82.89	66.25	77.94
1986	76.62	50.07	55.77	98.96	76.03	95.54	81.10	82.46
1987	82.80	55.39	62.87	116.36	87.94	116.34	78.16	87.09
1988	80.76	55.45	62.21	120.17	89.17	113.45	60.19	70.19
1989	80.28	54.76	61.58	110.85	86.44	111.83	58.97	71.09
1990	82.33	59.05	65.74	..	89.24	116.53	71.22	59.89
1991	77.66	57.05	62.23	..	92.81	117.29	62.60	50.60
1992	81.35	57.15	63.29	..	89.70	113.42	57.29	59.05
1993	90.34	63.89	70.43	..	104.78	132.91	67.94	76.03
1994	85.83	61.53	73.84	..	101.84	132.60	63.00	87.00
1995	82.00	53.82	69.07	..	89.33	111.84	66.23	88.87
1996	78.69	47.22	NA	..	75.91	83.14	83.00	99.33
1997	82.70	51.91	NA	..	94.38	109.87	82.77	109.00
1998	82.63	53.30	NA	..	99.42	122.61	54.69	92.00
1999	86.78	56.40	NA	..	104.84	134.85	56.70	92.00
2000	95.28	61.55	NA	..	118.87	161.14	75.60	112.00
2001	103.45	66.43	NA	..	125.07	165.95	78.20	101.00
2002	96.91	58.65	NA	..	113.07	141.33	63.59	99.00
2003	90.22	39.26	NA	..	106.15	133.80	64.83	99.00
2004	71.74	22.27	NA	..	79.79	98.56	75.51	73.67

* Commencing 1973: A1,A2 grade (1,000+ lb); Commencing 1994: Grade A (1,251+ lb).
** Commencing July 1, 1996: includes weight premiums and bonuses.
*** Prior to 1973: prices were for Good Lambs.
SOURCE: Canfax, Agriculture and Agri-Food Canada, Manitoba Agriculture, Food and Rural Initiatives.

TABLE 126: Historical Winnipeg D1,2 Cow Prices, by Month ($/cwt)

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1962	16.61	16.78	17.56	18.46	18.78	18.46	16.52	17.09	17.81	16.13	16.32	16.52
1963	16.95	17.25	17.34	18.20	18.40	17.99	17.36	17.88	17.55	16.59	15.59	15.50
1964	15.00	15.78	16.98	17.32	17.70	16.89	15.40	15.53	15.36	14.39	13.25	13.49
1965	13.52	14.51	15.40	16.62	16.88	16.83	15.11	14.56	14.33	14.03	13.49	15.02
1966	16.43	16.33	19.96	20.88	21.96	20.46	20.20	18.43	19.63	17.04	17.53	19.46
1967	19.70	21.43	21.52	21.23	21.58	22.16	20.21	19.69	19.18	18.67	18.29	18.37
1968	17.63	18.39	19.35	21.16	21.87	21.73	19.89	19.88	19.95	19.37	18.82	18.99
1969	20.50	21.69	23.45	24.73	26.90	25.69	25.71	24.66	24.21	22.78	21.76	22.04
1970	23.31	23.53	25.22	25.15	24.08	23.96	23.03	22.25	23.10	22.12	21.89	21.61
1971	22.13	22.03	22.50	23.45	23.40	24.07	23.50	22.90	23.87	22.38	22.31	23.97
1972	23.40	24.41	26.54	28.22	27.81	28.01	26.71	26.18	27.06	25.98	25.55	27.73
1973	26.80	30.85	35.07	35.57	36.89	37.63	36.00	41.19	37.50	37.35	35.00	35.25
1974	35.21	33.83	36.15	36.93	35.41	34.00	29.73	26.06	24.04	20.07	18.59	19.39
1975	19.56	20.05	22.36	25.16	24.90	24.28	21.59	20.26	21.78	21.12	19.70	19.77
1976	22.04	24.97	26.90	28.88	28.58	28.00	26.03	23.11	22.01	20.05	18.92	19.90
1977	20.91	22.96	24.74	27.34	27.24	27.15	26.34	25.61	25.84	25.54	25.17	25.62
1978	28.13	33.11	36.15	42.20	45.99	45.87	42.89	42.19	44.02	47.39	44.32	46.57
1979	55.68	60.61	63.43	63.32	62.60	60.25	56.99	54.89	54.36	51.44	51.09	53.74
1980	52.21	53.79	52.59	52.81	49.95	48.68	50.97	53.97	54.18	52.93	51.00	51.82
1981	50.78	51.27	50.43	51.30	50.69	50.77	52.03	52.46	50.47	43.49	41.92	41.37
1982	42.57	41.96	46.18	48.48	50.55	51.29	52.94	51.55	48.95	45.75	40.92	40.34
1983	41.94	46.76	49.73	52.03	53.19	53.25	51.74	50.57	46.87	43.84	41.27	41.67
1984	44.87	47.40	51.71	53.09	52.67	52.47	52.02	52.07	46.66	46.00	44.31	45.37
1985	46.85	51.92	54.05	52.10	52.16	54.41	51.30	50.29	47.30	44.16	42.90	44.52
1986	45.22	49.87	51.06	48.76	50.68	51.54	52.08	50.94	52.49	51.75	48.11	48.39
1987	51.32	53.02	54.26	53.76	55.85	58.34	58.97	59.64	56.72	53.06	53.50	56.34
1988	57.00	56.29	59.05	59.00	60.06	55.24	56.34	56.53	55.45	52.34	50.95	51.02
1989	52.12	54.92	55.02	53.35	55.06	56.79	59.30	56.45	57.63	53.79	51.68	53.81
1990	57.35	60.55	60.34	58.38	59.44	63.60	62.65	61.24	58.89	57.47	54.12	56.88
1991	54.10	58.88	61.17	60.76	61.42	61.77	57.88	57.57	54.96	53.82	50.19	50.69
1992	53.13	56.26	58.78	56.62	59.08	58.33	58.24	59.53	56.44	57.66	55.48	57.54
1993	61.23	61.96	61.05	64.05	65.01	67.03	67.48	68.54	66.53	64.72	62.81	59.34
1994	61.88	63.09	63.15	67.05	65.22	63.75	64.90	63.95	59.84	54.59	54.22	56.75
1995	58.16	59.81	59.38	56.66	55.30	59.00	56.63	53.90	51.03	47.27	43.90	44.75
1996	46.72	47.93	46.28	43.19	46.18	47.75	51.81	51.20	49.91	47.30	43.13	45.25
1997	45.00	47.94	55.53	56.98	57.19	55.25	56.48	55.86	50.50	47.98	46.09	48.08
1998	52.56	51.78	53.09	55.88	56.56	56.22	56.75	56.25	53.15	48.25	49.47	49.63
1999	53.78	54.69	56.93	55.16	55.42	58.80	58.53	58.25	55.08	53.69	56.50	60.00
2000	56.21	58.44	59.56	62.66	65.44	65.98	65.13	62.63	61.25	60.38	60.60	60.29
2001	61.16	67.44	67.88	69.75	72.75	74.59	73.00	71.18	69.03	59.91	55.69	54.81
2002	56.98	61.19	67.39	63.79	63.00	61.02	57.22	57.94	57.16	53.36	51.04	53.76
2003	56.97	59.17	58.50	60.00	57.87	N.A.	N.A.	N.A.	15.38	16.07	14.55	14.87
2004	17.48	23.79	29.86	31.49	22.87	23.19	20.49	19.41	19.29	19.84	19.50	20.05

SOURCE: Canfax, Agriculture and Agri-Food Canada

TABLE 127: Historical Winnipeg Grade A Steer Prices, by Month ($/cwt)

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1962	23.48	23.00	22.72	23.52	24.11	24.90	26.44	26.95	27.62	27.80	27.61	25.72
1963	23.68	22.30	21.33	22.25	22.69	23.60	24.65	25.60	25.15	23.22	21.71	21.12
1964	20.35	20.88	22.00	22.34	22.80	22.03	22.13	22.66	22.27	21.44	21.42	21.06
1965	20.97	21.77	22.11	22.74	23.35	24.58	24.88	23.96	23.55	23.45	23.98	24.77
1966	25.52	26.10	25.99	25.65	25.36	24.46	24.10	24.17	24.88	24.98	25.07	26.21
1967	25.78	26.06	25.56	25.33	25.40	26.45	26.67	27.77	28.57	28.47	28.63	27.88
1968	26.38	25.42	24.62	25.31	26.48	27.31	27.61	28.26	28.83	28.36	27.76	26.87
1969	26.99	27.02	28.87	31.66	34.44	34.94	33.31	31.39	29.02	27.49	27.07	27.87
1970	30.95	32.23	32.57	32.55	32.48	31.57	30.90	30.09	29.51	28.83	30.06	29.98
1971	31.22	32.66	32.63	32.93	34.03	34.00	33.34	32.91	32.89	32.78	33.79	34.81
1972	35.72	35.04	35.48	35.76	37.37	37.77	36.64	34.63	33.33	33.35	36.17	37.96
1973	39.50	41.79	43.27	42.96	44.50	46.23	46.48	53.99	48.44	46.79	45.89	45.16
1974	50.83	50.73	44.72	44.62	47.35	48.98	51.05	52.07	49.77	47.78	50.25	48.20
1975	44.27	38.26	36.73	37.62	48.61	48.65	49.72	45.90	45.21	45.17	44.75	42.61
1976	39.59	38.20	37.67	42.22	42.62	40.03	38.21	36.91	38.61	38.92	38.06	38.68
1977	36.33	35.49	36.31	38.37	39.79	40.23	40.08	41.45	42.57	44.43	46.04	44.87
1978	44.84	45.41	49.95	55.08	61.50	66.17	60.80	61.54	62.66	64.08	63.75	63.82
1979	67.78	76.29	78.83	78.81	80.26	80.62	76.36	72.24	75.54	73.82	74.51	76.67
1980	79.66	78.46	73.13	70.56	72.65	71.66	74.76	77.13	80.32	79.64	80.51	80.58
1981	79.80	75.70	74.12	75.54	77.82	78.51	78.11	77.22	76.08	75.66	72.85	72.14
1982	66.49	68.77	70.25	75.85	84.47	83.72	78.85	74.93	74.64	70.21	72.48	71.37
1983	69.21	70.42	71.83	77.59	78.59	76.75	71.67	71.08	69.49	70.55	71.77	73.02
1984	76.98	77.18	77.79	80.91	81.87	75.67	79.38	76.66	76.66	75.99	78.54	81.29
1985	80.63	78.13	79.08	78.55	77.40	76.10	71.30	69.29	70.84	75.79	81.21	81.38
1986	76.57	73.85	72.42	72.09	73.28	72.60	74.63	76.49	80.47	81.11	82.26	81.23
1987	79.10	77.73	78.19	81.25	89.02	86.21	81.79	82.80	82.47	80.75	80.15	78.51
1988	77.45	80.26	80.73	84.77	86.53	82.53	75.87	76.43	79.35	75.87	74.91	76.12
1989	79.97	82.71	83.91	80.22	80.34	78.52	79.57	80.31	79.50	80.00	81.59	80.79
1990	82.42	83.17	81.02	81.97	82.20	82.33	81.35	82.57	81.36	82.71	84.08	85.86
1991	82.09	82.66	83.31	82.35	81.25	79.05	77.39	74.61	73.41	72.85	70.99	71.30
1992	73.76	79.97	81.68	81.69	81.01	79.36	79.68	79.28	81.17	83.77	84.40	88.23
1993	91.39	90.93	94.00	94.33	94.46	90.48	86.48	88.42	88.67	86.72	86.52	86.32
1994	87.47	87.44	91.23	93.41	86.66	82.50	83.28	86.63	81.85	80.61	84.50	85.10
1995	90.48	92.47	88.40	82.28	77.97	80.43	78.85	77.78	76.58	76.72	80.25	82.01
1996	78.69	76.00	76.53	72.34	70.55	74.84	76.83	80.88	85.34	85.18	86.42	80.67
1997	78.50	78.94	84.47	84.08	84.91	81.84	81.68	83.63	80.56	82.73	85.50	85.54
1998	84.03	80.25	80.28	82.06	84.84	84.44	82.00	82.38	80.00	81.91	84.91	84.50
1999	82.71	83.56	86.25	87.00	85.63	86.83	83.22	84.84	84.05	86.75	92.42	98.13
2000	91.54	91.38	96.08	99.56	101.06	96.10	93.00	90.48	89.88	90.72	99.05	104.50
2001	107.90	111.06	114.22	113.00	106.40	102.94	102.63	99.23	99.28	93.10	93.13	98.50
2002	103.33	105.25	106.25	98.78	93.63	91.22	89.03	91.88	91.84	91.80	97.16	102.69
2003	109.03	107.56	102.00	105.05	101.19	-	-	-	70.13	65.71	75.28	76.04
2004	76.50	66.71	79.75	81.25	74.63	65.40	65.59	61.53	70.18	71.69	71.61	76.05

SOURCE: Canfax, Agriculture and Agri-Food Canada

TABLE 128: Historical Winnipeg Feeder Steer (800-900 lb) Prices, by Month ($/cwt)

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1962	22.30	22.37	23.04	23.83	23.82	24.62	24.77	25.58	25.77	24.84	25.39	24.29
1963	23.79	22.26	22.87	24.46	24.34	24.50	24.64	25.18	22.94	22.39	21.81	20.01
1964	21.51	21.43	23.16	22.58	22.14	22.02	20.77	20.90	20.50	19.09	19.13	18.45
1965	18.94	19.99	20.86	21.41	22.42	23.33	23.22	22.92	22.84	22.12	22.52	22.77
1966	24.11	25.99	26.54	26.20	26.25	26.22	24.58	25.93	25.42	24.33	24.62	25.48
1967	26.00	26.14	25.93	26.15	26.63	27.81	26.58	26.93	26.92	25.96	25.90	25.98
1968	23.90	25.43	26.01	26.00	27.37	28.20	27.93	27.66	26.79	26.81	27.17	27.30
1969	27.20	27.90	29.75	31.42	33.80	35.29	34.56	32.97	32.30	31.60	32.00	32.28
1970	32.62	34.49	35.73	33.89	33.60	33.98	33.53	31.92	31.91	31.35	32.44	32.20
1971	32.76	33.19	33.36	33.14	33.35	34.00	33.64	33.80	33.62	34.65	34.65	34.27
1972	35.44	36.10	36.64	37.29	40.79	42.09	39.45	38.63	38.44	39.02	38.43	39.96
1973	36.99	41.86	44.74	42.73	44.75	46.16	47.55	57.04	49.27	49.51	50.07	48.03
1974	47.20	46.71	45.73	46.51	45.81	39.42	39.31	38.70	37.02	36.41	38.29	39.44
1975	35.78	32.65	32.16	32.88	37.92	40.66	37.68	35.76	33.99	34.76	34.96	34.83
1976	34.73	35.48	36.35	39.33	42.27	38.91	36.44	33.57	35.72	32.06	32.50	32.44
1977	32.07	32.28	34.12	35.92	36.31	37.38	38.53	39.16	39.67	40.63	41.47	40.28
1978	41.65	44.90	49.23	52.57	61.52	64.85	61.72	62.50	63.94	64.72	64.76	65.21
1979	70.52	84.48	88.70	86.94	84.67	83.85	81.88	75.04	80.21	76.76	75.39	78.71
1980	79.87	80.54	76.63	73.76	73.77	70.91	73.53	76.51	77.38	75.62	77.65	79.39
1981	77.02	73.74	74.34	75.02	76.67	75.57	74.83	72.60	71.06	70.15	67.32	69.06
1982	60.63	65.16	66.88	71.03	75.28	77.51	75.83	77.34	74.36	68.64	71.65	71.46
1983	70.67	73.43	65.71	76.49	74.33	75.41	70.74	70.22	67.99	69.10	69.82	71.64
1984	74.25	74.04	75.52	74.94	75.21	73.78	75.61	75.50	75.73	74.54	73.92	75.62
1985	77.47	77.76	77.46	78.37	77.73	76.24	72.12	70.69	71.46	72.37	74.30	75.15
1986	74.17	74.45	74.73	74.20	73.02	72.63	73.48	76.32	77.79	79.40	78.98	79.43
1987	81.59	82.45	82.79	84.62	88.66	87.76	86.68	89.10	95.09	91.68	86.18	89.00
1988	90.44	94.49	92.37	93.22	90.79	84.72	83.89	85.73	88.98	86.71	85.50	85.01
1989	86.42	86.07	86.55	84.94	85.00	84.93	86.24	89.95	87.88	87.69	85.51	86.98
1990	87.12	85.89	84.92	85.25	85.72	89.42	88.62	93.13	92.94	93.13	90.28	92.63
1991	92.53	94.23	94.48	95.93	93.14	94.44	92.03	91.03	92.18	89.67	87.30	86.48
1992	85.47	86.44	86.29	86.23	85.63	87.91	88.67	92.85	94.30	95.68	95.59	95.87
1993	99.70	102.12	99.95	100.68	102.91	103.89	100.19	107.98	112.72	111.57	106.28	104.98
1994	105.17	106.19	106.33	107.56	101.31	99.25	103.13	105.33	101.38	94.35	95.22	98.30
1995	100.50	97.63	93.20	88.97	88.31	90.60	88.50	87.69	86.53	86.25	82.94	80.25
1996	72.83	68.77	69.73	67.87	68.18	74.53	78.62	80.33	83.13	82.56	82.21	81.46
1997	82.75	85.25	86.13	88.50	93.38	93.13	96.40	105.57	101.13	99.65	98.90	101.79
1998	100.82	98.49	98.47	98.85	101.18	99.00	94.25	94.94	97.93	101.97	104.63	102.46
1999	100.88	101.34	99.75	98.69	99.01	104.96	101.95	108.05	111.21	108.91	110.40	112.89
2000	113.17	109.90	111.42	115.55	117.69	118.14	118.83	124.29	126.55	122.61	122.68	125.56
2001	121.31	118.74	117.26	121.01	123.25	129.00	131.56	135.51	136.90	127.81	118.50	119.96
2002	116.94	116.60	113.25	110.61	109.86	106.14	107.22	111.22	111.92	116.71	115.80	120.53
2003	115.78	107.86	104.81	109.03	110.33	-	-	-	103.79	103.39	103.89	96.50
2004	76.49	63.90	79.02	86.98	85.87	76.05	75.05	76.27	82.32	83.09	84.85	87.63

SOURCE: Canfax, Agriculture and Agri-Food Canada

TABLE 129: Historical Winnipeg Steer Calf (500-600 lb) Prices, by Month ($/cwt)

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1967	41.10	40.80	39.44	38.61	39.69	39.42	36.47	36.98	38.05	36.30	35.20	39.22
1968	39.66	40.83	38.66	39.96	40.49	39.99	36.32	33.97	35.96	35.85	35.14	38.02
1969	40.62	42.10	41.98	41.07	44.02	44.87	41.36	38.87	42.14	41.93	41.83	43.24
1970	46.10	46.37	47.22	46.37	47.98	48.00	44.78	45.40	47.65	45.66	45.50	46.99
1971	49.98	47.39	47.59	47.60	47.04	48.45	47.54	44.34	44.09	43.38	42.00	49.32
1972	52.00	52.04	52.34	52.16	55.85	55.12	54.29	52.81	51.67	50.39	42.04	58.86
1973	60.14	65.18	64.72	64.78	67.83	67.22	68.62	68.03	68.38	64.01	63.93	72.07
1974	73.45	70.94	75.29	76.36	75.53	79.16	71.34	54.15	56.94	52.29	56.95	59.09
1975	63.06	62.60	48.58	49.27	41.91	51.15	46.03	38.75	37.25	33.80	34.89	34.85
1976	46.35	49.01	51.14	51.49	50.04	52.01	45.80	43.31	44.98	39.56	38.17	38.50
1977	40.47	41.90	45.80	47.03	47.92	47.00	44.12	45.14	42.54	41.04	41.86	45.44
1978	50.92	52.77	59.31	63.88	66.67	80.31	77.79	78.84	79.05	74.60	79.60	90.81
1979	91.32	107.06	116.47	118.57	117.44	124.27	119.02	112.27	107.92	106.97	96.38	103.86
1980	112.19	116.99	117.21	114.27	115.51	114.94	107.95	105.06	104.89	102.00	103.89	101.69
1981	98.82	113.93	110.98	108.63	112.60	117.76	113.94	111.53	100.04	90.33	91.59	98.13
1982	100.36	109.31	117.35	113.53	109.63	114.26	109.98	104.46	103.81	88.86	89.24	100.38
1983	105.27	103.66	111.69	115.23	116.09	119.29	110.73	102.95	99.22	95.65	96.36	95.20
1984	111.93	97.92	112.43	114.06	118.18	110.43	110.36	110.21	108.70	96.40	99.13	103.99
1985	104.94	102.83	110.02	110.21	111.55	98.09	100.67	99.31	90.65	85.72	95.74	94.51
1986	96.66	97.09	98.40	95.91	97.35	97.93	101.53	94.27	96.76	97.93	97.54	108.21
1987	103.16	103.54	105.29	112.03	116.02	121.78	124.44	126.72	125.63	120.54	122.71	122.66
1988	116.00	120.68	118.18	115.19	115.26	105.37	97.02	96.93	107.08	111.08	102.91	101.03
1989	101.78	104.37	105.75	103.46	102.25	101.39	100.55	102.42	107.28	108.20	105.59	106.78
1990	102.63	102.61	102.54	107.18	105.82	114.26	110.84	110.14	111.90	110.18	108.78	110.26
1991	110.05	110.71	115.74	117.29	114.98	115.78	111.67	108.65	110.79	108.29	107.01	105.73
1992	104.33	106.66	106.79	110.73	106.30	105.34	103.44	104.92	108.88	108.49	108.74	111.70
1993	112.46	116.17	121.52	121.47	122.89	123.41	121.30	124.82	130.23	129.39	126.44	125.81
1994	126.38	128.94	134.55	140.13	132.03	125.65	125.38	127.13	123.98	116.22	117.44	118.70
1995	122.06	120.38	119.38	113.42	108.40	108.78	102.00	101.42	100.02	99.58	93.77	78.56
1996	74.17	72.56	77.24	75.82	75.11	80.02	79.00	78.32	85.60	86.78	86.40	85.34
1997	85.63	95.50	98.38	100.70	106.25	104.00	106.00	118.16	118.83	114.16	111.84	117.48
1998	119.61	122.28	117.31	115.70	118.92	118.69	113.44	111.13	113.80	115.53	117.47	118.25
1999	117.25	124.10	121.48	122.90	121.82	123.37	120.47	128.42	134.84	132.13	134.90	136.05
2000	143.64	143.65	146.22	147.68	148.97	146.24	142.39	153.35	152.39	150.60	145.15	152.60
2001	152.11	157.04	161.17	159.39	155.95	159.63	158.25	160.00	153.23	145.60	144.67	143.75
2002	143.85	152.22	149.72	149.10	137.24	127.19	121.13	120.88	117.63	123.40	129.07	133.15
2003	133.93	136.80	133.54	138.38	139.31	N.A.	N.A.	N.A.	111.77	113.43	120.03	115.01
2004	88.08	80.17	103.75	109.50	105.21	91.63	91.53	81.10	90.78	93.64	100.48	106.88

SOURCE: Canfax, Agriculture and Agri-Food Canada

TABLE 130: Historical Monthly Weighted Average Index 100 Hog Prices ($/100 kg)

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1962	52	54	54	55	57	63	68	68	63	62	63	63
1963	62	61	56	50	54	61	62	60	59	54	52	54
1964	53	55	52	51	53	58	57	56	57	54	53	54
1965	53	55	57	57	62	73	76	76	77	77	80	88
1966	90	93	77	70	78	80	73	76	74	71	67	66
1967	65	67	64	61	67	66	61	63	63	61	58	59
1968	57	58	58	56	59	64	67	74	74	70	71	72
1969	70	73	69	66	73	80	80	82	86	82	79	82
1970	82	83	75	68	68	66	63	60	60	54	53	50
1971	48	51	47	43	47	47	51	55	55	55	55	56
1972	60	68	67	68	69	72	77	80	84	86	84	88
1973	91	104	108	99	97	102	121	145	131	126	123	119
1974	108	104	96	88	85	85	93	110	117	113	111	116
1975	116	118	106	109	127	143	165	166	175	165	151	152
1976	152	145	140	137	139	139	141	134	128	110	101	108
1977	106	113	115	111	125	133	137	134	134	125	130	137
1978	140	149	135	131	151	147	136	144	156	171	170	163
1979	155	170	164	145	139	143	136	131	138	130	122	126
1980	113	117	110	95	99	105	120	138	153	154	150	149
1981	140	140	133	131	134	153	171	166	171	161	147	142
1982	138	149	156	167	187	199	201	204	206	191	168	171
1983	175	183	166	151	152	147	143	150	151	136	126	138
1984	145	144	143	151	155	160	172	172	161	148	155	158
1985	154	158	150	131	133	143	151	139	142	150	147	154
1986	150	153	144	140	153	172	204	218	218	200	204	191
1987	168	171	158	161	185	200	203	200	185	166	140	141
1988	135	142	135	133	144	152	138	133	128	121	118	118
1989	120	122	114	111	121	135	141	144	134	140	137	135
1990	127	140	142	149	173	184	179	171	157	164	149	144
1991	141	151	146	145	155	158	149	147	129	126	110	108
1992	102	117	116	118	128	137	134	128	129	133	131	138
1993	133	137	144	147	153	160	153	164	168	160	143	137
1994	145	165	156	152	152	152	151	151	126	110	101	113
1995	135	142	135	125	126	149	166	170	168	157	133	147
1996*	144	157	166	171	194	195	205	210	190	193	183	190
1997*	184	178	170	192	204	203	208	195	179	167	162	148
1998*	130	129	125	127	156	158	135	134	113	108	71	61
1999*	103	107	105	117	140	130	122	142	132	132	130	140
2000*	142	165	164	186	187	188	185	167	158	160	144	155
2001*	142	152	180	185	194	199	199	196	179	163	143	137
2002*	155	162	153	137	139	145	157	142	111	130	122	129
2003*	134	142	138	140	156	163	159	152	145	136	126	125
2004*	128	148	158	161	195	186	187	182	171	163	160	159

* Price includes premiums and bonuses.

SOURCE: Agriculture and Agri-Food Canada (1962-1996); Manitoba Agriculture, Food and Rural Initiatives, Manitoba pork processors (1996-2002).

TABLE 131: Historical Monthly Weighted Average No. 1 Sow Prices ($/100 kg)

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1962	37.89	39.68	39.96	39.96	40.78	42.99	47.67	50.29	49.60	50.29	47.26	49.88
1963	49.88	50.15	45.47	42.44	42.85	42.71	42.44	41.61	41.34	40.65	37.89	38.30
1964	38.17	37.89	38.44	38.58	38.44	39.13	37.20	36.38	36.93	37.06	36.51	36.79
1965	36.51	36.68	36.76	48.78	49.82	51.81	60.49	64.62	66.88	68.95	71.37	74.49
1966	75.53	82.42	79.92	61.37	64.54	68.01	62.09	55.91	57.43	62.91	60.79	60.38
1967	57.57	59.00	60.13	58.15	57.15	56.24	50.73	50.29	51.92	51.48	47.34	46.79
1968	45.36	46.68	47.67	47.34	48.64	50.57	50.18	54.26	56.27	55.64	55.91	56.35
1969	56.60	60.05	63.19	62.42	62.25	68.26	73.22	76.97	78.59	77.22	76.91	76.25
1970	76.03	77.38	72.56	68.07	62.58	56.49	52.88	48.56	47.48	42.36	35.55	33.21
1971	27.50	34.00	34.50	33.60	34.60	33.90	35.10	34.60	33.10	32.60	34.60	36.00
1972	46.50	53.30	52.00	51.70	57.30	55.40	56.90	57.40	61.30	63.20	59.20	59.50
1973	61.00	71.10	83.00	78.20	80.00	84.50	91.90	117.40	102.20	97.50	96.30	84.40
1974	80.50	78.30	72.20	60.90	49.70	41.10	44.10	54.60	63.60	70.50	71.40	60.80
1975	65.90	82.20	79.50	75.00	78.80	99.10	106.20	111.60	128.70	137.90	110.90	106.30
1976	107.50	108.30	106.50	108.40	109.70	108.80	106.40	90.30	85.60	64.80	57.70	64.10
1977	76.20	85.50	86.30	85.60	92.10	95.60	99.60	97.20	94.80	91.20	90.90	91.80
1978	92.00	94.90	97.20	101.30	103.80	102.30	97.40	107.70	108.30	120.90	114.20	110.60
1979	116.10	119.00	120.90	112.00	101.40	92.50	85.60	80.90	85.40	80.50	72.60	72.90
1980	84.50	84.60	80.20	62.30	65.30	64.40	85.50	99.40	111.40	113.00	112.30	108.70
1981	101.90	102.00	96.80	93.20	95.00	105.40	123.50	116.90	126.10	126.20	112.10	97.00
1982	93.60	106.30	114.50	123.80	134.90	148.10	155.50	156.60	157.80	156.10	142.30	137.00
1983	138.10	140.80	136.90	127.20	116.70	106.90	98.30	98.10	96.50	88.00	78.50	80.20
1984	98.20	110.20	108.50	112.50	116.30	116.70	123.10	120.10	113.70	106.30	108.90	113.60
1985	119.10	119.20	118.60	98.50	104.10	97.30	93.20	90.40	84.90	87.80	92.50	93.20
1986	90.70	96.20	91.60	88.60	93.20	103.20	126.60	143.20	155.60	136.90	137.80	127.60
1987	106.40	109.70	107.50	105.30	131.00	114.10	133.90	127.90	123.20	110.50	87.60	109.50
1988	78.80	91.10	82.00	84.30	89.10	84.60	66.90	70.40	73.20	71.90	64.00	62.60
1989	84.00	81.00	82.00	75.00	78.00	88.00	83.00	83.00	83.00	94.00	91.00	94.00
1990	108.00	112.00	121.00	124.00	147.00	146.00	130.00	132.00	117.00	124.00	110.00	95.00
1991	98.00	106.00	110.00	114.00	113.00	115.00	102.00	98.00	88.00	86.00	67.00	62.00
1992	66.00	78.00	86.00	90.00	105.00	109.00	103.00	101.00	102.00	110.00	102.00	98.00
1993	99.00	107.50	118.75	121.00	120.00	117.50	108.75	115.00	120.00	119.00	111.00	98.00
1994	106.97	119.37	124.28	126.73	115.93	109.35	97.18	97.70	84.77	72.38	58.57	55.70
1995	79.29	92.92	101.06	90.99	89.22	93.43	91.33	111.60	115.81	122.24	102.97	102.19
1996	101.74	108.02	113.98	119.71	135.46	154.15	161.15	169.02	158.35	162.02	160.38	164.77
1997	159.97	158.37	148.83	160.33	176.28	167.01	168.39	161.43	139.95	131.76	124.28	114.56
1998	92.01	94.80	91.30	91.70	104.77	107.81	97.86	81.49	64.43	70.11	46.28	33.17
1999	54.71	61.20	76.97	81.97	112.14	106.57	69.25	86.92	81.52	87.46	87.98	97.77
2000	109.39	123.61	128.34	145.98	153.93	139.45	135.29	138.75	129.80	126.10	110.93	123.13
2001	121.60	125.90	146.33	162.86	152.74	164.92	158.27	158.01	140.83	134.53	104.82	91.06
2002	105.07	113.60	115.95	96.01	84.89	76.76	72.68	71.45	44.72	69.94	70.06	76.49
2003	74.70	81.74	85.33	88.68	98.17	104.00	112.18	113.58	102.70	99.86	90.39	84.21
2004	86.00	117.00	132.00	136.00	158.00	162.00	171.00	160.00	138.00	134.00	139.00	134.00

SOURCE: Agriculture and Agri-Food Canada, Manitoba Pork Marketing

TABLE 132: Historical Livestock Slaughtered in Manitoba

Year	Total Cattle & Calves	Cattle	Calves	Hogs	Sheep	Lambs
1964	471,959	393,231	78,728	748,168	83,258	
1965	571,993	470,420	101,573	736,110	72,352	
1966	549,903	462,907	86,996	709,009	55,232	
1967	536,468	450,690	85,778	894,093	46,672	
1968	538,529	467,666	70,863	891,200	40,828	
1969	470,366	428,085	42,281	878,594	24,540	
1970	447,879	422,236	25,643	1,213,226	13,988	
1971	447,650	425,296	22,354	1,555,220	21,665	
1972	455,855	435,705	20,150	1,238,971	19,854	
1973	449,250	435,046	14,204	1,234,072	19,926	
1974	480,254	455,489	24,765	1,196,295	16,144	
1975	551,425	507,750	43,675	862,349	7,956	
1976	581,124	537,677	43,447	795,580	6,223	
1977	559,147	515,011	44,136	828,041	5,926	
1978	444,514	424,100	20,414	792,019	5,920	
1979	322,563	314,374	8,189	1,023,442	2,848	
1980	311,300	302,629	8,671	1,119,928	4,273	
1981	321,486	311,191	10,295	1,146,014	7,731	
1982	357,963	346,770	11,193	1,094,516	9,130	
1983	347,680	340,011	7,669	1,191,678	11,073	
1984	339,680	332,873	6,807	1,268,817	10,835	
1985	373,692	369,645	4,047	1,533,813	10,646	
1986	380,900	377,430	3,470	1,637,686	5,851	
1987	241,554	239,352	2,202	1,656,814	4,116	
1988	183,268	181,494	1,774	1,800,439	4,558	
1989	125,794	123,853	1,941	1,898,187	4,751	
1990	92,310	90,958	1,352	1,874,785	5,121	
1991	55,476	54,568	908	1,967,649	5,715	
1992	50,234	49,590	644	2,092,009	4,927	
1993	38,620	38,278	342	1,856,252	4,105	
1994	37,264	37,003	261	2,021,569	3,025	
1995	38,937	38,680	257	2,000,689	2,058	
1996	37,633	37,291	342	1,938,028	1,773	
1997	31,241	31,003	238	2,076,232	294	1,122
1998	20,384	20,085	299	2,820,840	286	1,266
1999	19,608	19,521	87	3,073,034	299	1,813
2000	17,316	17,250	66	3,923,880	171	2,016
2001	15,948	15,865	83	4,147,548	281	2,106
2002	16,367	16,328	39	4,421,297	344	2,373
2003	18,831	18,700	131	4,262,519	446	2,403
2004	26,299	26,240	59	4,355,342	879	2,551

SOURCE: Agriculture and Agri-Food Canada, Manitoba Health, CFIA.

TABLE 133: Historical Total Cattle and Calves Slaughtered in Manitoba, by Month

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1968	41,919	40,302	48,507	36,029	36,843	51,174	40,785	43,232	56,192	48,093	50,171	45,282
1969	37,947	37,515	45,260	32,725	34,949	44,824	34,323	34,444	45,198	38,596	39,356	45,229
1970	38,973	29,648	37,011	31,202	32,009	40,436	35,206	35,815	48,984	37,507	41,599	39,489
1971	37,133	30,740	39,881	30,569	34,310	41,987	36,137	35,304	45,032	37,049	41,266	38,242
1972	31,935	32,934	40,851	34,181	33,890	43,276	35,616	37,024	46,619	40,061	40,439	39,029
1973	37,050	36,716	45,606	29,762	32,651	41,002	32,273	34,318	37,466	38,402	42,377	41,627
1974	34,844	32,844	43,812	35,242	34,838	44,182	34,939	35,357	48,960	41,670	48,533	45,033
1975	38,056	41,206	49,436	41,245	36,947	46,887	36,990	41,248	62,322	49,425	52,712	54,951
1976	43,309	44,444	53,860	41,564	41,176	51,337	41,139	42,859	60,455	48,319	49,359	63,303
1977	50,489	50,412	58,814	41,661	44,332	53,584	42,455	34,663	46,861	39,052	45,041	51,783
1978	46,961	43,131	42,658	36,974	33,086	33,142	19,051	27,886	42,497	36,499	41,583	41,046
1979	31,706	24,111	25,885	22,684	21,455	29,858	23,586	23,056	35,564	26,861	29,670	28,127
1980	22,648	21,452	26,674	22,090	23,828	31,164	23,932	23,607	32,176	26,736	28,572	28,421
1981	25,607	24,670	30,005	23,545	24,203	32,613	22,967	23,785	30,022	26,170	28,173	29,726
1982	25,388	31,145	32,464	26,143	30,135	34,936	25,506	26,141	38,372	29,386	27,646	30,701
1983	27,824	25,332	28,069	24,878	26,059	34,373	28,869	27,863	35,888	30,403	28,890	29,232
1984	28,435	27,570	33,976	26,670	27,341	36,693	26,173	12,179	28,009	29,889	30,829	31,916
1985	29,473	30,095	35,939	24,153	27,637	37,143	29,984	28,848	36,993	28,257	29,425	35,745
1986	30,590	31,059	35,257	28,859	29,490	41,980	33,116	29,901	36,910	25,258	24,507	33,973
1987	27,659	26,825	30,755	17,981	17,788	20,407	16,536	15,963	17,612	16,221	16,702	17,105
1988	17,223	14,973	17,860	15,948	17,672	22,642	17,803	15,646	15,975	8,132	8,879	10,515
1989	10,001	9,869	10,499	9,735	11,917	15,503	10,953	8,727	11,246	8,859	9,448	9,037
1990	8,414	7,475	8,373	7,832	9,259	10,889	8,024	7,635	8,489	6,622	4,544	4,754
1991	3,676	3,344	4,429	4,144	5,076	6,527	4,616	4,145	5,421	4,555	4,619	4,924
1992	3,616	3,903	4,711	4,115	4,403	5,729	4,187	4,032	5,003	4,120	3,526	2,889
1993	2,830	2,697	3,694	3,016	3,528	4,174	3,074	2,705	3,212	2,730	3,582	3,378
1994	2,502	2,698	3,640	2,997	3,276	4,085	3,028	2,622	3,165	2,809	3,016	3,426
1995	2,465	2,512	3,229	2,859	3,705	4,467	3,304	2,775	3,701	3,184	3,298	3,438
1996	2,504	2,668	4,016	3,094	3,688	4,677	3,671	2,461	2,419	3,275	2,801	2,359
1997	2,959	2,506	2,492	2,908	2,834	3,144	2,818	2,337	2,325	2,672	2,501	1,745
1998	1,786	1,632	1,762	2,342	1,509	1,841	1,893	1,061	1,645	1,652	1,722	1,539
1999	1,410	1,498	1,918	1,684	1,758	2,180	1,594	1,251	1,595	1,489	1,587	1,644
2000	1,260	1,214	1,607	1,585	1,784	1,800	1,448	1,451	1,186	1,534	1,461	986
2001	1,304	991	1,312	1,298	1,798	1,474	1,347	1,333	1,040	1,600	1,452	999
2002	1,283	1,179	1,308	1,378	1,548	1,747	1,419	1 389	1,017	1,374	1,663	1,062
2003	1,083	1,307	1,505	1,318	1,660	1,427	1,781	2,526	1,445	1,526	2,023	1,230
2004	1,824	1,770	1,719	1,859	2,472	2,252	2,786	2,247	2,150	2,689	2,049	2,423

SOURCE: Agriculture and Agri-Food Canada, Manitoba Health, CFIA

TABLE 134: Historical Hogs Slaughtered in Manitoba, by Month

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1968	80,241	76,484	92,586	73,001	71,321	86,532	60,323	59,922	74,263	65,645	67,653	83,229
1969	64,343	67,878	87,680	71,407	66,996	81,557	59,549	59,929	77,760	68,039	74,129	99,327
1970	85,063	78,828	102,150	91,332	96,669	107,318	89,577	85,606	115,649	104,055	122,769	134,210
1971	132,628	131,540	156,740	137,583	129,798	162,537	120,990	106,744	124,511	107,528	112,754	131,867
1972	104,115	99,229	124,507	108,843	96,582	123,591	90,025	90,548	106,773	86,907	98,105	109,746
1973	102,805	96,963	125,958	100,524	100,647	126,823	98,015	83,111	102,956	92,436	97,175	106,759
1974	101,671	109,664	133,188	97,018	81,165	110,842	91,724	93,221	103,884	80,900	91,006	102,012
1975	84,179	78,195	93,197	82,352	71,851	84,848	60,658	54,208	68,179	58,032	59,349	67,301
1976	61,651	58,117	73,981	61,772	58,621	74,996	56,176	56,112	72,489	63,075	67,652	90,938
1977	67,485	64,744	78,185	66,450	64,664	78,685	61,088	60,770	78,606	63,188	66,856	77,320
1978	65,833	70,525	81,598	67,475	65,332	77,545	48,390	58,542	38,067	67,805	69,288	81,619
1979	77,541	73,363	95,669	80,157	79,798	97,451	75,434	76,193	99,916	83,268	88,397	96,255
1980	82,984	90,384	109,770	90,045	86,667	114,891	82,784	83,143	104,939	83,400	86,850	104,071
1981	86,494	92,250	115,743	91,449	89,064	112,806	63,699	83,040	106,721	84,939	91,191	108,618
1982	88,744	88,589	113,434	89,475	90,470	106,623	85,483	83,844	100,342	79,101	73,063	95,348
1983	77,642	82,605	103,522	89,303	88,226	117,044	96,066	91,433	118,660	98,626	107,712	120,839
1984	102,764	105,507	137,123	110,823	103,499	110,268	77,059	50,735	104,158	114,152	120,812	131,917
1985	109,210	109,859	145,538	116,298	115,810	159,935	116,803	115,664	152,351	125,266	125,254	141,825
1986	122,941	124,508	150,023	124,771	119,749	173,270	114,571	119,190	150,355	123,519	131,414	183,375
1987	137,729	132,097	171,481	127,309	129,466	145,693	121,335	115,594	154,192	129,660	139,813	152,445
1988	141,592	135,250	161,218	145,022	133,272	162,145	136,949	139,731	176,911	144,864	143,831	179,654
1989	158,058	155,548	186,405	157,154	140,325	172,242	137,725	131,594	191,150	148,297	154,567	165,122
1990	142,003	147,001	183,388	140,416	134,922	182,015	138,714	145,091	188,530	151,198	153,927	167,580
1991	149,198	155,118	182,705	143,760	138,754	185,771	145,460	149,528	196,771	159,991	167,583	193,010
1992	159,719	157,584	200,921	160,372	155,270	198,437	154,278	157,977	202,937	156,071	167,519	220,924
1993	168,583	161,722	196,424	130,909	125,415	166,661	141,689	133,217	174,761	138,486	142,516	175,869
1994	168,077	164,164	190,081	153,690	138,778	185,199	152,033	146,118	195,362	164,266	171,217	192,584
1995	167,417	164,973	209,144	160,982	157,614	195,172	149,485	148,705	174,778	138,018	153,366	181,035
1996	149,901	168,567	215,853	162,127	153,151	183,685	135,227	135,581	178,188	145,328	143,020	167,400
1997	140,810	128,702	181,009	152,939	146,604	201,028	145,219	157,254	219,867	169,590	180,950	252,260
1998	267,761	212,324	220,286	271,580	210,526	207,858	247,406	205,644	221,948	276,476	225,570	253,461
1999	235,902	228,210	269,227	224,192	214,483	274,197	234,335	229,283	309,679	278,840	267,394	307,292
2000	285,512	294,967	397,480	288,147	287,987	362,550	308,123	270,773	370,965	328,642	343,603	385,131
2001	329,290	320,467	402,422	319,672	306,383	398,096	305,305	313,702	400,700	338,423	328,525	384,563
2003	362,609	378,554	464,904	361,038	352,169	412,470	285,671	289,622	372,916	247,278	343,921	391,367
2004	342,880	332,227	413,581	320,285	308,782	399,555	320,506	326,561	425,165	336,989	347,174	481,637

SOURCE: Agriculture and Agri-Food Canada.

TABLE 135: Historical Numbers of Livestock on Farms - July 1

Year	Beef Cows	Milk Cows	Total Cattle & Calves	Hogs	Sheep	Hens & Chickens*	Turkeys
	thousand animals or birds						
1960		198	931	371	76	6,400	880
1961	236	196	996	432	81	6,267	1,145
1962	255	185	982	334	76	5,465	970
1963	285	175	1,066	391	73	5,700	970
1964	331	172	1,152	460	72	6,270	885
1965	360	163	1,184	421	61	5,820	1,000
1966	348	150	1,151	499	51	5,844	1,091
1967	342	137	1,099	589	45	6,330	925
1968	328	129	1,029	547	38	6,380	870
1969	317	121	1,006	615	37	7,340	825
1970	344	116	1,104	907	40	8,540	900
1971	384	110	1,138	943	42	7,613	1,033
1972	406	105	1,210	893	36	7,530	1,000
1973	447	101	1,247	956	33*	4,310	NA
1974	500	99	1,386	826	26	4,095	NA
1975	516	96	1,458	582	23	3,787	NA
1976	464	94	1,375	632	20	3,470	NA
1977	458	93	1,360	677	23	NA	NA
1978	420	90	1,280	713	26	NA	NA
1979	395	82	1,235	827	25	NA	NA
1980	400	82	1,210	876	31	NA	NA
1981	389	83	1,162	865	36	6,155	697
1982	395	81	1,151	873	34	NA	NA
1983	394	77	1,129	914	35	NA	NA
1984	394	75	1,131	1,044	31	NA	NA
1985	390	70	1,114	1,086	27	NA	NA
1986	375	65	1,091	1,089	23	6,298	730
1987	381	65	1,060	1,160	26	7,005	854
1988	384	63	1,075	1,338	27	6,757	857
1989	397	63	1,077	1,305	31	6,537	823
1990	404	61	1,055	1,196	34	6,577	895
1991	411	56	1,095	1,310	35	6,445	809
1992	436	55	1,167	1,373	35	6,127	760
1993	439	54	1,169	1,386	34	6,226	701
1994	476	54	1,236	1,466	33	6,261	755
1995	500	53	1,342	1,667	35	6,064	767
1996	540	51*	1,424	1,814	38	6,490	760
1997	566	51	1,449	1,810	42	6,202	663
1998	560	51	1,447	1,999	50	6,622	694
1999	554	46	1,400	2,044	60	7,012	753
2000	554	41	1,400	2,296	69	7,500	779
2001	566	42	1,425	2,556	84	7,065	694
2002	574	41	1,470	2,785	78	6,925	708
2003	622	42	1,590	2,850	82	7,300	700
2004	655	41	1,750	2,890	82	7,300	700

* Hens and pullets only in 1973 - 1976.
SOURCE: Statistics Canada

OTHER FARM PRODUCTS

TABLE 136: Historical Production Value Summary of Other Farm Products

Year	Pregnant Mare's Urine*	Honey	Leafcutting Bees	Wax	Fur*[1]	Forest**	TOTAL
	thousand dollars						
1960					3,078	307	4,258
1961		867		38	2,798	267	3,970
1962		657		29	3,097	226	4,009
1963		984		43	3,115	186	4,328
1964		911		34	3,111	145	4,201
1965		938		41	4,363	105	5,447
1966		1,232		54	3,379	117	4,782
1967	1,072	1,415		66	3,102	164	5,819
1968	1,290	602		42	2,827	200	4,961
1969	910	1,164		87	2,322	232	4,715
1970	875	1,215		95	1,348	250	3,783
1971	625	1,449		82	1,088	279	3,523
1972	660	2,843		99	1,081	352	5,035
1973	1,069	4,320		109	1,200	400	7,098
1974	2,000	3,518		147	976	378	7,019
1975	3,200	2,944		112	989	362	7,607
1976	3,700	4,349		208	1,320	482	10,059
1977	3,200	4,910		306	6,902	262	15,580
1978	2,600	7,565		465	6,716	258	17,604
1979	3,000	8,747		527	10,497	298	23,069
1980	2,300	8,747		532	12,183	1,080	24,842
1981	2,860	10,178		571	10,398	1,082	25,089
1982	4,930	10,475		488	7,947	1,090	24,930
1983	5,460	9,496	819	402	6,299	1,179	23,655
1984	8,617	9,280	800	473	5,593	1,188	25,951
1985	10,521	10,560	700	490	6,938	1,334	30,543
1986	12,920	8,800	1,480	330	6,841	1,274	31,645
1987	12,260	6,976	2,600	327	10,605	1,131	33,899
1988	12,053	6,512	1,595	330	7,291	974	28,755
1989	16,024	5,481	2,035	228	3,746	776	28,290
1990	17,002	6,619	3,360	226	2,386	637	30,230
1991	21,155	8,086	2,100	271	2,230	748	34,590
1992	28,168	7,226	3,938	234	2,628	860	43,054
1993	42,536	6,656	4,706	232	2,263	971	57,364
1994	44,013	8,286	2,750	371	3,987	1,083	60,490
1995	44,828	12,690	3,250	687	3,866	1,194	66,515
1996	44,104	13,125	5,250	512	5,210	1,259	69,460
1997	43,674	13,750	3,500	469	5,359	1,371	68,123
1998	35,061	17,204	5,440	638	5,081	1,313	64,737
1999	40,120	12,420	8,370	559	3,214	1,413	66,096
2000	41,379	9,975	5,517	351	3,180	1,281	61,683
2001[R]	46,445	16,740	1,530	469	4,395	1,942	71,521
2002	52,061	28,710	4,016	399	4,076	1,892	91,154
2003[R]	61,294	28,101	3,947	371	4,153	1,925	99,791
2004	59,849	10,993	9,000	310	5,869	1,959	87,980

* Season ending in year specified.
** Includes Christmas trees from 1997.
[1] Includes wildlife pelts commencing in 1977.
SOURCE: Statistics Canada; Ayerst Organics; Manitoba Agriculture, Food and Rural Initiatives.

TABLE 137: Historical Production and Value of PMU

Year	Number of Farms (Census)	Total Number of Horses (Census)	Number of PMU Farms*	Total Number of PMU Mares*	PMU Mares in Production*	Estimated Foals Produced	TOTAL GROSS VALUE OF PMU* ($000)
1967	14,149	37,015	109	3,600			1,072
1968			109	3,100			1,290
1969			109	3,030			910
1970			108	2,900			875
1971	11,040	33,104	95	2,100			625
1972			95	2,400			660
1973			95	3,600			1,069
1974			132	6,200			2,000
1975			152	7,700			3,200
1976	N.A.	N.A.	171	8,800			3,700
1977			167	7,500			3,200
1978			144	5,900			2,600
1979			128	5,800			3,000
1980			115	4,700			2,300
1981	5,593	31,284	109	4,650			2,860
1982			114	6100			4,930
1983			114	6,500			5,460
1984			130	8,500			8,617
1985			135	9,100			10,521
1986	5,540	40,691	182	12,500			12,920
1987			182	11,240			12,260
1988			180	11,200			12,053
1989			178	11,903			16,024
1990			178	13,202			17,002
1991	4,203	44,130	178	13,715			21,155
1992			201	18,524			28,168
1993			282	26,693			42,536
1994			282	27,501		27,000	44,013
1995			282	27,738		26,000	44,828
1996	4,155	68,783	282	26,129		23,000	44,104
1997			283	23,016	22,254	20,000	43,674
1998			265	26,766	18,014	17,000	35,061
1999			259	24,985	20,364	20,000	40,120
2000			254	26,898	17,827	17,000	41,379
2001	3,730	62,791	252	27,000	18,267	18,000	46,445
2002			248	30,000	21,100	21,000	52,061
2003			248	33,000	25,700	25,000	61,294
2004			244	NA	21,650	21,000	59,849
2005			79	NA	5,920	4,500	19,305

* Season ending in year specified.

SOURCE: Wyeth Organics, Manitoba Agriculture, Food and Rural Initiatives, Statistics Canada, Census of Agriculture.

TABLE 138: Historical Production and Value of Fur

Year	Fox			Mink			Wildlife*		TOTAL FURS	
	Number of Farms	Number of Pelts	Total Value $000	Number of Farms	Number of Pelts	Total Value $000	Number of Pelts	Total Value $000	Total Number of Pelts	Total Value $000
1960				279	204,527	3,724				
1961				250	205,840	3,420				
1962				255	209,416	3,420				
1963				208	209,818	3,190				
1964				195	207,357	3,348				
1965				187	205,265	3,362				
1966				182	233,187	4,770				
1967				169	248,799	3,600				
1968				170	260,848	3,585				
1969				143	220,496	3,168				
1970				104	141,500	1,486				
1971				79	70,611	847				
1972		151	6.5	71	65,000	916				
1973				63	68,926	1,137				
1974				43	48,941	710				
1975				54	72,939	976				
1976				48	54,569	1,320	586,911	5,582		
1977					57,405	1,600	363,949	5,116		
1978					61,463	2,614	343,892	7,882		
1979					59,944	2,568	605,052	9,616		
1980					59,001	2,157	636,316	8,241		
1981					61,011	2,119	304,518	5,564		
1982					62,170	1,839	291,020	4,314		
1983					53,478	1,609	332,700	3,784		
1984		1,200	173	28	59,465	1,980	298,537	4,785	359,202	6,938
1985	16	1,522	164	27	60,082	1,616	230,051	5,061	291,655	6,867
1986	18	926	166	28	55,072	2,380	353,791	8,070	409,789	10,616
1987	18	820	93	23	48,375	1,810	391,744	5,394	440,939	7,297
1988	14	775	47	25	56,955	1,439	107,920	2,260	165,650	3,746
1989	13	997	38	19	44,435	784	68,061	1,564	113,493	2,386
1990	9	1,102	37	16	42,417	1,068	50,780	1,125	94,299	2,230
1991	10	752	35	15	38,840	912	70,801	1,682	110,393	2,628
1992	10	1,062	41	12	37,089	660	81,102	1,519	119,253	2,263
1993	6	410	34	12	34,700	1,258	124,250	2,695	159,360	3,987
1994	5	460	34	11	38,400	1,293	145,920	2,539	184,780	3,866
1995	5	480	42	11	38,900	2,529	129,826	2,639	169,206	5,210
1996	8	550	41	10	36,600	1,603	201,277	3,716	238,427	5,359
1997	7	420	34	11	41,600	1,740	208,766	3,307	250,766	5,081
1998	6	320	16	11	37,800	1,161	100,820	2,037	138,940	3,214
1999	5	320	16	9	28,200	1,197	97,022	1,967	125,542	3,180
2000	6	180	9	10	35,500	1,616	102,003	2,770	137,683	4,395
2001	6	150	7	12	35,500	1,629	110,470	2,440	146,120	4,076
2002	7	60	3	11	28,600	1,148	86,839	2,998	115,499	4,153
2003[e]	6	120	16	12	41,900	2,101	82,421	3,039	130,041	5,869
2004	4	120	10	13	47,500	2,820	NA	NA	NA	NA

* Season beginning in year specified

SOURCE: Statistics Canada

TABLE 139: Historical Production and Value of Honey & Beeswax

Year	Number of Bee-keepers	Number of Colonies	Honey				Beeswax		
			Average Yield/ Colony	Total Production	Average Price	Total Value	Total Production	Average Price	Total Value
	#	#	kg	tonnes	$/kg	$000	tonnes	$/kg	$000
1960	920	41.700	69	2.894	0.29	829	43.5	0.84	40.5
1961	720	40.560	74	3.025	0.29	867	45.4	0.84	38.0
1962	730	38.560	59	2.291	0.30	657	34.5	0.84	28.8
1963	700	43.000	77	3.311	0.30	984	51.2	0.84	43.0
1964	810	46.000	58	2.667	0.34	911	40.0	0.84	34.0
1965	840	47.950	60	2.835	0.35	1.000	42.1	0.97	41.0
1966	860	53.000	70	3.725	0.33	1.232	55.9	0.97	54.2
1967	860	55.000	78	4.280	0.33	1.415	63.9	0.99	66.5
1968	820	52.000	40	2.099	0.29	602	31.5	1.32	41.7
1969	820	50.000	81	4.060	0.29	1.164	60.9	1.43	87.3
1970	852	50.276	84	4.241	0.29	1.215	63.6	1.50	95.4
1971	826	50.000	73	3.651	0.40	1.449	54.8	1.50	82.1
1972	810	51.500	84	4.298	0.66	2.843	64.5	1.54	99.5
1973	659	54.000	73	3.919	1.01	3.974	58.8	1.85	108.9
1974	810	60.000	65	3.982	0.90	3.518	58.4	2.52	147.0
1975	950	76.000	48	3.654	0.81	2.944	54.8	2.05	112.4
1976	1.100	80.000	69	5.480	0.79	4.349	82.4	2.53	208.4
1977	1.050	81.000	64	5.181	0.95	4.910	77.9	3.93	306.0
1978	1.200	85.000	81	6.863	1.10	7.565	102.9	4.52	465.2
1979	1.300	93.000	76	7.087	1.23	8.749	106.3	4.95	527.3
1980	1.400	99.000	70	6.960	1.25	8.747	104.6	5.08	531.7
1981	1.550	103.000	73	7.569	1.34	10.178	113.6	5.02	570.7
1982	1.600	108.000	72	7.789	1.34	10.475	116.8	4.16	486.0
1983	1.700	111.000	66	7.301	1.30	9.496	109.5	3.67	402.0
1984	1.750	116.000	68	7.888	1.10	8.700	118.3	3.74	443.7
1985	1.350	120.000	73	8.727	1.21	10.560	130.9	3.74	489.6
1986	1.300	110.000	73	7.983	1.10	8.800	119.7	2.75	330.0
1987	1.300	109.000	73	7.957	0.88	6.976	119.4	2.75	327.0
1988	1.200	88.000	84	7.392	0.88	6.512	110.8	2.97	329.7
1989	1.100	87.000	64	5.568	0.99	5.481	83.5	2.75	228.4
1990	1.050	83.000	66	5.478	1.21	6.619	82.2	2.75	225.7
1991	1.000	76.000	86	6.550	1.23	8.086	98.3	2.75	270.8
1992	800	75.500	75	5.651	1.28	7.226	84.9	2.75	233.6
1993	800	85.000	61	5.205	1.28	6.656	78.1	2.97	232.4
1994	800	81.000	75	6.075	1.37	8.286	90.9	4.07	370.9
1995	800	83.000	77	6.400	1.98	12.690	96.0	7.15	687.4
1996	800	75.000	64	4.763	2.75	13.125	71.5	7.15	511.9
1997	800	83.000	68	5.700	2.42	13.750	85.2	5.50	468.8
1998	855	88.000	104	9.181	1.87	17.204	137.7	4.62	637.6
1999	855	92.000	82	7.511	1.65	12.420	112.7	4.96	558.9
2000	860	95.000	64	6.033	1.65	9.975	88.5	3.97	351.0
2001	800	92.000	77	7.094	2.36	16.740	106.4	4.41	469.0
2002	800	87.000	75	6.511	4.41	28.710	97.7	4.08	398.5
2003	550	80.000	82	6.618	4.25	28.101	99.3	3.74	371.3
2004	580	81.500	66	5.362	2.05	10.993	80.5	3.86	310.3

SOURCE: Statistics Canada; Manitoba Agriculture, Food and Rural Initiatives

PROCESSING

TABLE 140: Historical Value of Shipments for Food and Beverage Processing Industries (Total Activity)

	1997	1998	1999	2000	2001	2002	2003	2004[P]
	- million dollars -							
Food Industries	2,349.5	2,369.5	2,387.8	2,659.0	2,686.5	2,841.4	3,076.6	
Meat & Meat Products (excluding poultry)	520.1	579.7	602.6	1,043.6	983.8	928.9	1,103.2	
Poultry Products	121.4	121.4	139.3	NA	X	X	X	N
Fish Products	NA	NA	NA	NA	X	X	X	O
Fruit & Vegetables	NA	NA	NA	NA	X	X	X	T
Dairy Products	360.9	NA	NA	NA	X	397.6	X	
Fluid Milk	165.1	175.6	NA	173.0	153.9	145.1	158.3	
Butter, Cheese, Dry Milk	NA	NA	NA	NA	X	225.1	X	A
Ice Cream, Frozen Dessert	NA	25.9	26.3	23.0	24.3	27.4	25.8	V
Grain & Oilseed Milling (excluding corn oil)	NA	NA	366.0	263.8	319.1	427.7	470.8	A
Flour, Cereal Food and Feed	NA	NA	NA	NA	X	X	X	I
Animal Food	357.6	258.4	312.6	381.4	360.5	449.7	482.7	L
Bakery Products	NA	NA	NA	NA	X	X	X	A
Bread and Other Bakery Products	82.2	NA	79.2	NA	X	X	X	B
Dry Pasta	0.5	0.5	NA	NA	3.4	X	X	L
Sugar Confectionery	NA	NA	NA	4.5	6.9	X	13.3	E
Other Food Products	NA	NA	NA	NA	X	X	140.5	
Beverage Industries	208.0	227.0	204.0	215.1	225.0	206.5	X	
TOTAL FOOD & BEVERAGE INDUSTRIES	**2,557.5**	**2,596.5**	**2,591.8**	**2,874.1**	**2,911.5**	**3,047.9**	**X**	**NA**
% of Total Manufacturing Industries	**24.1**	**22.8**	**22.5**	**23.4**	**25.7**	**26.0**	**X**	**NA**

SOURCE: Manufacturing, Constructional and Energy Division, Statistics Canada

TABLE 141: Historical Value Added for Food and Beverage Processing Industries (Total Activity)

	1997	1998	1999	2000	2001	2002	2003	2004[P]
	- million dollars -							
Food Industries	677.4	687.6	583.6	854.3	713.9	802.4	835.4	
Meat & Meat Products (excluding poultry)	156.6	208.0	133.2	358.4	243.4	297.1	293.1	
Poultry Products	22.4	32.1	47.5	NA	X	X	X	N
Fish Products	NA	NA	NA	NA	X	X	X	O
Fruit & Vegetables	NA	NA	NA	NA	X	X	X	T
Dairy Products	75.9	NA	NA	NA	X	38.7	X	
Fluid Milk	40.0	48.5	NA	48.7	33.1	20.9	23.3	A
Butter, Cheese, Dry Milk	NA	NA	NA	NA	X	14.0	X	V
Ice Cream, Frozen Dessert	NA	6.4	9.4	6.3	1.8	3.8	6.1	A
Grain & Oilseed Milling (excluding corn oil)	NA	NA	43.2	17.4	66.8	94.3	127.4	I
Flour, Cereal Food and Feed	NA	NA	NA	NA	X	X	X	L
Animal Food	70.9	NA	60.3	96.7	73.4	100.1	131.0	A
Bakery Products	NA	NA	NA	NA	X	X	X	B
Bread and Other Bakery Products	48.8	NA	47.5	NA	X	X	X	L
Dry Pasta	0.1	0.2	NA	NA	0.6	X	X	E
Sugar Confectionery	NA	NA	NA	2.7	3.6	X	6.3	
Other Food Products	NA	NA	NA	NA	X	X	50.5	
Beverage Industries	72.8	80.0	NA	NA	78.2	57.5	X	
TOTAL FOOD & BEVERAGE INDUSTRIES	**750.2**	**767.6**	**NA**	**NA**	**792.1**	**859.9**	**X**	**NA**
% of Total Manufacturing Industries	**16.0**	**NA**	**NA**	**NA**	**16.1**	**17.1**	**X**	**NA**

SOURCE: Manufacturing, Constructional and Energy Division, Statistics Canada

TRADE

TABLE 142: Historical Agri-Food Exports by Commodity Group

Commodity Groups	1997	1998	1999	2000	2001	2002[R]	2003[R]	2004[P]
	thousand dollars							
Live Animals	405,084	414,281	362,551	413,068	528,342	542,338	398,187	366,329
Meat and Edible Meat Offal	156,650	192,526	228,604	386,872	509,341	483,309	426,307	419,253
Dairy Products, Eggs & Honey	16,440	19,410	23,623	25,407	28,850	50,528	42,215	32,593
Other Animal Products	2,180	2,838	5,231	5,806	7,709	7,171	5,254	8,238
Live Tree, Plant, Flowers, etc.	407	709	1,059	954	1,212	994	900	1,147
Edible Veg., Roots & Tubers	115,631	100,167	124,524	125,722	166,422	152,486	161,563	143,400
Fruit & Nuts	2	3	0	58	56	235	70	181
Coffee, Tea & Spices	7,650	7,323	5,756	3,293	2,188	1,421	1,953	1,700
Grains, Unprocessed	991,933	575,751	574,838	646,640	870,117	718,657	798,012	1,090,608
Grains, Semi-processed	48,702	47,106	55,583	55,125	74,744	81,828	70,072	65,169
Oilseeds	500,069	673,677	509,392	394,421	450,872	409,897	696,203	676,641
Lac; Gums, Resins & Other Vegetable Saps & Extracts	6	22	6	12	188	123	81	160
Vegetable Products n.e.s.	0	0	0	60	78	11	0	0
Animal/vegetable Fats & Oils	209,980	497,312	247,260	120,687	116,206	148,204	185,450	200,808
Preparations of Meat (excludes fish)	4,011	10,687	17,792	16,704	12,991	9,249	13,568	11,445
Sugars and Sugar Confectionery	1,350	799	647	1,123	1,422	1,136	1,420	1,517
Cocoa and Cocoa Preparations	570	293	171	687	727	323	186	183
Preparations of Grains	7,093	10,495	9,889	6,772	11,007	11,098	10,468	8,008
Preparations of Veg., Fruit & Nut	87,479	140,540	143,623	127,755	142,375	161,876	206,216	257,782
Miscellaneous Edible Preparations	881	1,011	1,954	1,286	1,029	2,444	2,036	2,585
Beverages, Spirits & Vinegar	73	2,071	4,271	4,624	3,964	1,413	2,120	2,119
Food Residues, Waste, Fodder	89,550	73,489	55,400	38,588	36,931	53,658	49,690	84,554
Tobacco & Substitutes	0	27	0	12	0	0	0	0
Essential Oils	0	0	0	0	12	0	87	0
Caseins & Albumins	6,932	8,828	11,107	9,267	9,758	7,775	15,402	13,635
Natural Rubbers (excludes synthetics)	0	0	0	0	0	0	2	2
Raw Hides, Skins & Leather	529	578	610	801	392	404	596	674
Furskins	960	767	2,430	1,656	571	318	396	1,409
Wool, Fine/coarse Animal Hair	4	0	0	0	0	0	0	0
Other Vegetable Textile Fibres	26,171	30,687	27,295	23,311	21,139	11,064	12,930	13,550
TOTAL EXPORTS*	**2,680,336**	**2,811,396**	**2,413,617**	**2,407,713**	**2,998,638**	**2,857,958**	**3,101,382**	**3,403,689**

* Totals may not add due to rounding.
SOURCE: Statistics Canada, TIERS, Agriculture & Agri-Food Canada

TABLE 143: Historical Agri-Food Imports by Commodity Group

Commodity Groups	1997	1998	1999	2000	2001	2002[R]	2003[R]	2004[P]
	thousand dollars							
Live Animals	4,876	5,012	5,231	7,272	7,407	5,206	5,343	5,446
Meat and Edible Meat Offal	17,765	23,092	23,982	34,811	36,596	44,331	38,074	33,189
Dairy Products, Eggs & Honey	15,243	17,552	15,332	13,454	21,149	18,025	15,504	15,883
Other Animal Products	7,120	5,732	7,268	7,638	9,047	11,160	12,370	3,931
Live Tree, Plant, Flowers, etc.	11,985	14,437	14,687	15,614	19,341	22,944	26,622	29,835
Edible Veg., Roots & Tubers	32,259	41,839	56,484	49,920	50,433	61,377	44,973	43,772
Fruit & Nuts	41,228	44,953	51,815	47,647	51,001	50,129	47,242	41,243
Coffee, Tea and Spices	9,541	8,933	3,114	2,274	5,756	4,962	3,941	2,193
Grains, Unprocessed	22,978	29,806	39,535	33,229	41,702	140,572	108,359	43,899
Grains, Semi-processed	2,432	1,722	1,554	2,274	2,884	2,383	2,441	2,047
Oilseeds	52,685	58,545	74,277	62,508	80,804	112,596	98,564	81,720
Lac, Gums, Resins & Other Vegetable Saps & Extracts	783	888	1,601	2,016	2,490	1,780	2,151	2,751
Vegetable Products n.e.s.	446	511	652	597	601	575	511	295
Animal/vegetable Fats & Oils	13,066	19,483	19,475	16,052	21,238	21,077	28,580	32,827
Preparations of Meat (excludes fish)	29,623	31,028	29,548	20,748	29,693	31,435	28,458	25,944
Sugars and Sugar Confectionery	23,313	28,824	25,885	29,376	30,580	29,676	37,524	30,066
Cocoa and Cocoa Preparations	7,960	7,741	7,754	8,147	9,217	9,966	11,446	9,207
Preparations of Grains	42,249	60,599	67,149	68,612	64,188	77,624	66,168	66,684
Preparations of Vegetables, Fruit & Nuts	26,644	33,176	25,834	21,268	23,190	24,192	17,504	26,313
Miscellaneous Edible Preparations	34,198	42,448	40,843	46,825	40,602	45,014	43,224	46,966
Beverages, Spirits & Vinegar	28,610	29,575	37,147	38,550	36,983	40,142	42,398	47,284
Food Residues, Waste, Fodder	81,357	85,500	87,530	104,248	118,323	136,841	144,893	137,076
Tobacco and Substitutes	4,564	603	1,112	169	197	364	133	6,132
Essential Oils	2,406	2,131	3,050	7,524	7,563	20,793	28,628	29,985
Caseins & Albumins	3,253	2,726	3,130	3,343	4,610	5,736	10,518	9,387
Natural Rubber (excludes synthetic)	13	83	35	32	35	14	47	141
Raw Hides & Skins (excludes mfg. leather)	26,426	16,733	17,060	19,661	9,449	12,111	3,758	51
Furskins (excludes finished furs)	13,983	25,859	12,163	5,480	7,804	8,764	11,839	9,113
Wool, Fine/coarse Animal Hair, raw	89	12	17	39	5	13	48	17
Cotton, raw (excludes textiles)	85	29	102	176	309	1	11	83
Other Vegetable Fibres	93	115	170	302	763	915	1,054	870
TOTAL IMPORTS*	**557,274**	**639,687**	**673,538**	**669,806**	**733,960**	**940,718**	**882,323**	**784,351**

* Totals may not add due to rounding. Totals include Canadian re-imports.
SOURCE: Statistics Canada, TIERS, Agriculture & Agri-Food Canada

TABLE 144: Historical Agri-Food Exports by Country

Countries	1998	1999	2000	2001	2002[R]	2003[R]	2004[P]
	thousand dollars						
Afghanistan	0	0	0	39	0	94	0
Albania	99	0	0	153	0	35	0
Algeria	13.593	14.858	7.879	6.210	20.485	6.783	27.475
Angola	95	558	1.968	336	1.212	9.443	6.218
Argentina	1.234	1.332	2.101	1.309	1.640	1.846	2.853
Armenia	112	34	0	0	22	0	0
Aruba Island	0	0	0	0	0	0	18
Australia	3.422	4.156	7.327	16.650	23.287	20.279	27.870
Austria	213	75	66	182	129	527	211
Azerbaijan	0	0	0	0	11	0	0
Bahamas	0	0	47	51	0	8	0
Bahrain	0	569	0	32	0	85	86
Bangladesh	4.557	7.275	3.700	11.248	7.550	17.639	11.259
Barbados	22	57	619	107	136	618	314
Belarus	0	0	0	0	25	0	73
Belgium	64.421	45.551	44.234	64.368	84.340	83.979	64.270
Belize	0	0	0	0	6	0	0
Benin	0	0	0	0	16	0	0
Bermuda	50	0	8	7	16	20	13
Bolivia	476	436	1.763	630	183	0	467
Botswana	0	0	278	255	0	0	0
Brazil	16.777	9.696	7.869	4.930	9.776	17.157	1.340
Bulgaria	40	10	47	984	392	831	657
Cameroon	1.676	1.609	2.570	5.796	2.823	4.261	2.483
Cape Verde	13	0	0	0	0	24	0
Cayman Islands	0	0	0	0	40	0	0
Chile	4.038	6.278	7.400	4.690	2.884	4.869	6.358
China	190.081	149.699	92.301	142.136	29.111	70.263	290.659
Colombia	24.793	20.119	20.066	32.438	34.495	24.152	40.066
Congo	0	0	0	51	0	26	0
Congo Dem. Rep.	0	190	269	126	290	22	0
Costa Rica	376	1.864	3.121	794	447	542	853
Côte-d'Ivoire	892	226	1.199	746	1.845	570	836
Croatia	22	26	34	83	7	39	99
Cuba	10.549	20.279	6.488	14.457	8.505	806	3.912
Cyprus	1.083	593	561	934	914	104	1.456
Czech Republic	42	174	155	202	324	491	959
Denmark	494	392	435	468	1.333	374	191
Djibouti	0	421	0	0	21	0	405
Dominica	0	0	0	0	0	21	0
Dominican Republic	595	940	1.646	1.364	1.348	8.077	4.153
Ecuador	10.602	7.442	9.527	14.373	12.343	20.397	24.310
Egypt	3.608	5.110	5.071	17.318	5.378	12.099	435
El Salvador	823	72	104	561	293	60	166
Eritrea	0	0	925	35	0	362	0
Estonia	19	0	0	160	116	183	10
Ethiopia	422	1.661	919	772	95	4.563	1.935
Finland	384	541	208	137	975	182	136
Former Yugoslavia	0	15	0	0	0	14	0
Fr. Polynesia	0	0	0	0	0	1	0
France	1.413	2.311	2.905	3.664	2.767	3.218	1.279
French S. Terr.	0	0	0	0	0	0	.
Gambia	0	0	0	0	21	39	0
Georgia	1	27	286	376	249	21	54
Germany	18.464	13.714	10.352	7.326	7.605	14.245	9.133
Ghana	4.767	2.352	5.601	8.331	11.514	8.780	13.245

Countries	1998	1999	2000	2001	2002[R]	2003[R]	2004[P]
	thousand dollars						
Greece	3,482	3,747	4,219	5,940	3,764	17,780	10,813
Grenada	231	0	0	0	0	2	0
Guatemala	12,967	14,772	10,685	16,652	11,021	12,637	16,629
Guinea	153	395	77	96	312	0	0
Guyana	333	499	272	678	513	243	669
Haiti	216	2,937	638	726	839	1,085	513
Honduras	46	264	210	142	285	70	115
Hong Kong	203,466	26,878	16,439	11,911	982	2,321	3,549
Hungary	262	0	79	237	31	87	151
Iceland	0	0	91	106	54	45	416
India	12,954	43,256	2,636	33,111	11,875	12,113	782
Indonesia	36,852	21,255	26,693	30,472	34,993	23,313	47,795
Iran, Islamic Republic	24,774	57,295	94,508	89,160	14,171	22,256	208
Iraq	0	6,700	11,918	0	0	988	0
Ireland	1,442	1,725	5,534	2,298	1,242	1,360	2,486
Israel	1,412	866	1,847	862	1,211	2,109	1,848
Italy	21,215	14,175	14,905	15,089	25,403	35,392	39,528
Jamaica	438	467	893	9,784	12,003	5,442	19,477
Japan	378,034	356,502	334,148	427,403	454,942	486,159	499,151
Jordan	0	320	533	1,303	1,158	71	286
Kenya	2,290	560	553	747	503	276	124
Korea, North	566	116	4,029	0	279	2,847	924
Korea, South	15,335	16,942	14,273	33,909	24,996	15,687	31,902
Kuwait	20	317	329	180	16	713	154
Kyrgyzstan	0	0	0	0	0	0	4
Latvia	0	24	178	72	61	18	0
Lebanon	1,270	2,270	1,165	1,341	862	662	175
Liberia	294	498	0	159	0	0	0
Libyan Arab Jam	173	1,096	92	65	965	95	413
Lithuania	0	24	0	0	0	664	44
Luxembourg	57	29	12	131	0	418	0
Macau	120	0	17	0	0	0	0
Macedonia	78	0	0	0	37	0	327
Madagascar	0	0	27	0	0	0	0
Malawi	151	413	0	0	217	65	0
Malaysia	42,392	21,968	10,464	8,812	13,248	25,039	17,440
Maldives	29	0	0	0	0	0	0
Malta	541	370	292	377	556	436	206
Mauritania	0	0	441	0	0	247	0
Mauritius	52	70	77	70	13	75	84
Mexico	130,980	98,528	117,214	170,699	139,418	196,210	276,289
Morocco	11,125	8,168	11,312	12,321	9,332	7,123	3,948
Mozambique	1,577	925	304	1,951	1,154	2,531	5,184
Namibia	697	795	553	0	0	32	22
Nepal	0	78	61	0	0	622	0
Netherlands	35,305	21,575	12,518	18,038	11,400	6,769	10,920
Neth. Antilles	76	48	0	11	0	1	2
New Caledonia	0	0	0	3	0	0	0
New Zealand	5,041	4,690	4,343	6,677	6,786	5,572	6,184
Nicaragua	4,287	236	369	203	4	0	771
Nigeria	6,678	1,198	6,367	15,280	13,853	8,980	11,337
Norway	169	1,671	610	133	1,488	1,945	1,348
Oman (Muscat)	0	0	0	0	0	16	129
Pakistan	4,051	1,147	1,431	1,232	123	60,300	6,785
Panama	545	484	758	1,012	870	2,967	3,002
Paraguay	0	0	0	85	0	15	179
Peru	10,247	8,925	14,972	13,698	14,070	12,875	17,296

Countries	1998	1999	2000	2001	2002[R]	2003[R]	2004[P]
	thousand dollars						
Philippines	13,166	16,243	21,541	38,310	29,835	43,261	47,498
Poland	2,017	587	184	413	275	232	402
Portugal	12,876	1,588	1,981	1,785	2,684	2,405	4,559
Qatar	30	61	64	101	119	14	162
Romania	3,714	33	123	26	255	14,816	2,671
Russia	473	363	1,018	6,760	3,277	1,253	1,542
Rwanda	300	0	0	0	0	0	0
Saint Lucia	14	13	12	0	49	25	58
Saudi Arabia	1,593	737	3,105	4,309	373	5,922	8,139
Senegal	1,516	207	295	1,283	1,562	257	207
Seychelles	0	0	0	0	45	25	0
Sierra Leone	356	263	37	212	311	0	0
Singapore	152	658	1,324	2,290	1,005	6,082	3,262
Slovakia	0	0	62	108	169	183	251
Slovenia	0	797	31	22	136	0	0
Somalia	0	0	0	338	0	0	0
South Africa	9,794	4,343	7,977	1,306	3,836	3,284	4,070
Spain	32,188	28,883	24,334	33,209	7,276	52,180	60,905
Sri Lanka	1,823	5,836	5,113	2,516	0	8,727	7,956
St. Pierre-Miquelon	0	0	0	0	.	.	0
St. Vincent Gren	0	0	0	0	6	0	22
Sudan	4,513	1,055	1,131	9,454	11,925	11,176	13,413
Surinam	49	0	45	87	72	133	49
Swaziland	456	601	191	0	0	0	0
Sweden	578	455	228	575	726	607	638
Switzerland	3,284	1,616	1,462	1,355	2,728	1,695	1,011
Syrian Arab. Republic	19	0	0	0	0	144	45
Taiwan	28,808	9,603	6,111	3,768	7,917	10,375	8,752
Tanzania, Un. Rep.	1,793	644	250	549	763	0	2,572
Thailand	3,158	6,072	5,798	12,095	12,200	8,831	13,142
Togo	2,660	2,575	1,468	4,327	2,647	2,667	1,160
Trinidad-Tobago	2,018	2,252	1,704	1,656	986	2,854	2,005
Tunisia	199	218	123	792	5,721	845	98
Turkey	2,681	6,164	7,591	2,025	834	9,739	10,758
Turks Caicos is	0	0	0	0	0	0	40
U.S. Outlying Islands	0	0	0	0	43	188	0
Uganda	0	473	0	0	0	0	60
Ukraine	0	22	7	0	5	9,420	69
United Arab Emir.	5,376	6,807	9,115	10,216	7,732	13,758	15,353
United Kingdom	22,147	31,836	20,217	21,263	36,252	34,155	29,950
United States	1,281,525	1,187,370	1,284,044	1,499,739	1,590,901	1,516,437	1,539,725
Uruguay	207	347	723	338	280	691	205
Venezuela	21,024	26,898	21,481	35,951	32,415	21,481	36,716
Vietnam	649	1,367	0	2,464	2,174	2,688	1,944
Yemen	210	0	0	912	60	0	98
Zambia	0	0	0	6	0	4	0
Zimbabwe	48	0	0	0	347	0	0
TOTAL	**2,811,396**	**2,413,617**	**2,407,713**	**2,998,570**	**2,857,958**	**3,101,382**	**3,405,374**

SOURCE: Statistics Canada, TIERS, Agriculture & Agri-Food Canada.

MAP 16: Manitoba Agri-Food Exports by Selected Regions, 2004, $ Million

MAP 17: Manitoba Agri-Food Exports to the United States, 2004, $ Million

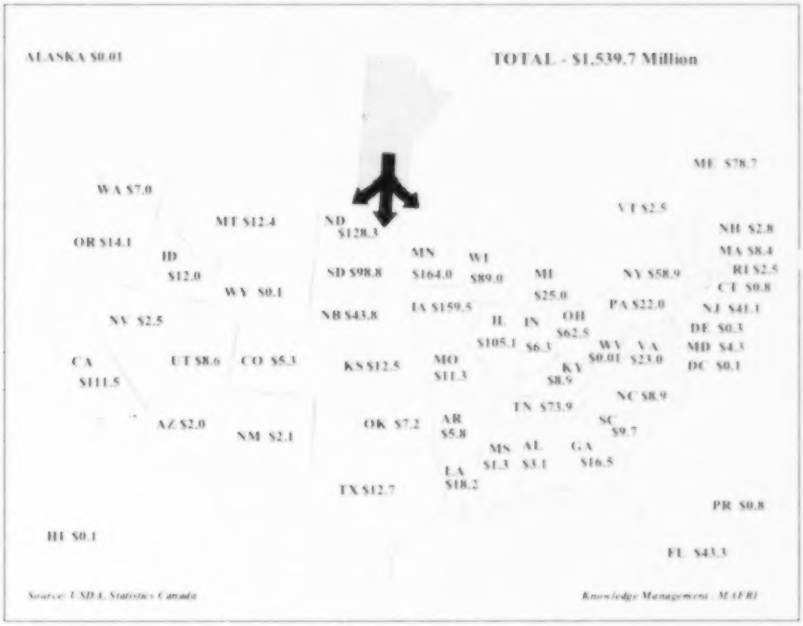


TABLE 145: Historical Agri-Food Exports by States

State	1998	1999	2000	2001	2002[R]	2003[R]	2004[P]
	thousand dollars						
Alabama	676	915	1,557	5,313	6,487	3,025	2,142
Alaska	128	113	360	68	18	65	48
Arizona	931	1,266	1,748	1,525	1,898	4,031	2,027
Arkansas	1,760	1,594	2,826	8,831	12,825	6,644	5,768
California	81,917	73,737	67,651	81,987	85,744	93,799	111,461
Colorado	4,599	5,687	9,670	14,731	14,442	14,585	5,306
Connecticut	3,664	2,521	2,556	2,910	3,431	3,547	847
Delaware	598	650	652	644	244	264	254
Dist. of Columbia	4,036	4,194	445	376	11	17	92
Florida	5,401	9,751	14,047	34,688	24,420	25,287	43,256
Georgia	8,939	9,464	5,022	10,609	13,439	11,208	16,512
Hawaii	1,158	1,088	1,349	148	2,408	2,284	144
Idaho	13,200	5,091	4,312	4,838	7,117	9,767	11,985
Illinois	96,762	111,839	123,961	126,765	123,906	130,102	105,110
Indiana	7,764	7,142	5,927	3,867	6,016	6,252	6,256
Iowa	76,503	74,145	102,314	106,091	149,549	170,217	159,505
Kansas	2,144	3,252	3,824	4,221	4,546	12,882	12,499
Kentucky	7,413	5,472	7,233	8,474	8,532	7,775	8,937
Louisiana	2,956	2,877	7,177	14,742	16,986	12,785	18,203
Maine	1,474	1,825	6,471	33,806	41,158	67,486	78,718
Maryland	1,130	1,106	828	783	1,313	4,842	4,274
Massachusetts	6,653	2,158	1,612	3,474	7,704	4,218	8,365
Michigan	28,691	28,958	23,268	25,110	27,241	25,607	24,971
Minnesota	193,030	153,409	149,493	186,805	211,057	184,958	163,993
Mississippi	442	109	40	147	311	544	1,311
Missouri	20,501	20,243	13,712	15,808	22,893	16,845	11,349
Montana	6,700	4,764	4,565	5,823	6,457	10,197	12,388
Nebraska	132,380	113,280	119,756	161,771	151,027	74,212	43,824
Nevada	1,641	410	388	172	479	671	2,539
New Hampshire	1,913	2,258	1,437	1,761	1,978	2,627	2,763
New Jersey	22,798	26,208	30,689	26,354	20,876	26,540	41,139
New Mexico	663	193	150	241	317	566	2,111
New York	19,890	19,931	35,442	30,581	38,982	43,036	58,917
North Carolina	18,127	15,324	9,900	13,966	8,456	9,464	8,903
North Dakota	105,879	64,948	49,430	64,483	72,274	99,891	128,327
Ohio	52,477	39,901	41,089	48,282	50,265	42,892	62,486
Oklahoma	2,860	2,101	3,519	3,809	3,399	4,913	7,228
Oregon	9,938	9,695	14,537	16,732	14,854	14,078	14,061
Pennsylvania	15,435	16,612	25,507	36,425	33,601	26,855	21,959
Puerto Rico	9,780	5,304	8,212	4,498	5,689	618	768
Rhode Island	90	208	1,040	259	315	1,262	2,543
South Carolina	417	471	1,597	7,152	12,878	13,057	9,673
South Dakota	69,577	91,260	95,675	101,263	98,002	78,054	98,765
Tennessee	39,545	40,436	41,039	45,712	69,775	69,656	73,943
Texas	21,469	23,945	35,526	37,247	27,702	28,228	12,708
U.S. Virgin Islands	0	2,409	0	0	0	0	0
Utah	1,069	1,668	1,581	1,780	3,091	10,316	8,633
Vermont	642	651	575	741	1,176	1,636	2,511
Virginia	39,286	40,211	41,102	12,046	14,966	18,116	22,997
Washington, state	10,639	10,299	17,210	23,069	20,979	9,516	7,039
West Virginia	1	10	2	181	145	133	24
Wisconsin	123,356	125,658	145,636	158,338	139,455	110,724	89,018
Wyoming	413	611	385	292	66	144	124
States not specified	2,070	0	0	0	0	0	0
TOTAL UNITED STATES	**1,281,525**	**1,187,370**	**1,284,044**	**1,499,739**	**1,590,901**	**1,516,437**	**1,539,725**

SOURCE: Statistics Canada, TIERS, Agriculture & Agri-Food Canada.

TABLE 146: Historical Agri-Food Imports by Country

Countries	1998	1999	2000	2001	2002[R]	2003[R]	2004[P]
	thousand dollars						
Afghanistan	0	13	4	4	2	0	0
Albania	3	9	5	7	9	3	2
Algeria	0	0	0	0	0	0	*
American Samoa	2	0	0	0	0	*	*
Antigua-Barbuda	0	25	0	0	*	0	26
Argentina	1,637	2,238	1,229	1,224	1,428	1,814	1,095
Armenia	0	0	0	0	0	*	0
Australia	1,227	1,332	1,829	3,144	4,102	4,203	6,246
Austria	22	100	24	35	32	53	23
Azerbaijan	0	0	0	19	0	0	0
Bahamas	0	*	0	5	368	335	34
Bahrain	0	0	0	0	0	*	0
Bangladesh	0	*	0	1	*	*	*
Barbados	24	13	0	0	0	*	1
Belarus	0	*	0	0	0	0	0
Belgium	133	238	238	344	128	117	143
Belize	3	2	1	2	22	863	1,739
Bermuda	*	0	2	13	22	24	29
Bolivia	0	0	5	20	0	*	*
Bosnia'herzegovia	0	0	8	0	0	0	0
Botswana	*	0	0	0	0	0	0
Brazil	1,412	2,641	1,726	1,132	881	768	607
Brunei Darussalam	2	0	0	0	0	0	0
Bulgaria	3	3	4	1	60	12	8
Burundi	*	0	0	0	0	0	0
Cameroon	0	0	0	0	2	0	0
Cayman Islands	*	3	2	6	1	4	12
Chile	3,224	6,501	7,653	8,706	7,853	7,909	5,552
China, P. Rep.	385	310	421	575	789	1,176	888
Colombia	15,569	9,722	9,636	10,744	15,147	15,567	17,437
Comoros	0	*	0	259	0	0	0
Congo	0	0	0	0	0	0	0
Cook Islands	1	0	0	0	0	0	0
Costa Rica	2,940	2,014	509	458	594	1,977	1,965
Cote-d'Ivoire	24	72	0	2	6	5	7
Croatia	7	4	4	0	0	31	17
Cuba	3	2	0	0	0	6	1
Cyprus	0	120	*	*	0	0	0
Czech Republic	10	21	47	11	35	14	31
Denmark	54	316	1,096	931	1,335	1,109	206
Dominica	*	0	11	4	13	16	*
Dominican Rep.	37	97	104	43	193	157	361
Ecuador	2,857	3,882	3,721	4,297	5,304	6,457	5,877
Egypt	3	4	6	69	66	7	20
El Salvador	318	61	*	36	33	*	*
Ethiopia	151	*	82	368	348	298	434
Fiji	0	0	*	0	0	0	0
Finland	22	180	53	122	172	401	8
Former Yugoslavia	0	0	0	0	0	2	3
France	3,643	4,367	3,642	3,675	4,567	5,282	5,881
Gabon	19	31	16	1	11	0	0
Gambia	0	0	*	0	0	0	0
Georgia	0	0	0	0	0	0	0
Germany	1,966	3,192	1,811	1,564	1,392	1,655	2,000
Ghana	0	0	0	0	0	0	*

Countries	1998	1999	2000	2001	2002[R]	2003[R]	2004[P]
	thousand dollars						
Greece	468	198	238	282	111	173	128
Greenland	0	0	0	0	0	0	1
Grenada	*	4	0	0	0	0	0
Guam	2	-	51	100	13	*	*
Guatemala	2,415	1,427	2,819	3,214	5,495	5,574	8,350
Guyana	0	0	0	0	*	0	0
Haiti	3	6	0	0	0	1	*
Honduras	897	1,109	445	914	702	1,437	1,203
Hong Kong	46	58	7	3	5	2	2
Hungary	84	61	49	69	53	79	38
Iceland	1	3	6	313	2	26	8
India	146	134	370	1,221	1,788	1,417	1,681
Indonesia	37	203	254	439	490	400	272
Iran, Isla. Rep.	184	227	98	*	*	0	0
Ireland	1,004	1,257	1,180	1,241	1,439	1,887	1,891
Israel	25	158	46	64	143	134	66
Italy	2,507	3,805	2,954	3,202	3,706	2,926	3,543
Jamaica	59	47	57	65	90	137	252
Japan	404	504	395	877	781	354	168
Jordan	0	0	0	0	0	*	7
Kenya	*	*	3	98	6	6	18
Kiribati	0	0	0	0	0	0	*
Korea, South	5	49	4	5	25	5	59
Latvia	0	0	0	0	0	0	*
Lebanon	0	0	39	2	0	1	0
Lithuania	*	1	1	*	0	*	0
Macedonia	2	0	5	0	*	1	*
Madagascar	2	12	13	12	8	4	33
Malawi	0	0	2	6	5	3	*
Malaysia	19	1	*	4	18	*	108
Mali	0	0	0	0	0	0	0
Malta	0	1	0	0	0	1	*
Martinique	4	0	0	0	0	0	0
Mexico	11,996	13,317	13,967	15,015	15,515	13,515	10,404
Moldova	0	0	0	0	0	0	*
Mongolia	0	0	0	0	0	0	17
Montserrat	0	0	0	0	0	0	*
Morocco	4	85	*	722	101	8	300
Mozambique	0	0	0	0	0	13	0
Myanmar	97	27	25	91	21	38	4
Namibia	0	0	1	0	*	0	0
Nepal	0	*	0	0	*	0	*
Neth. Antilles	86	10	0	0	0	0	40
Netherlands	1,257	1,733	1,367	1,396	1,774	1,978	1,769
New Zealand	604	3,025	1,513	2,752	1,833	1,129	661
Nicaragua	73	299	17	33	112	54	116
Niger	1	0	5	0	0	0	0
Nigeria	*	1	22	*	0	10	48
Norway	23	0	2	0	95	59	4
Pakistan	10	2	0	*	2	1	1
Panama	45	47	10	19	1	81	18
Papua, New Guinea	0	0	0	0	0	0	2
Paraguay	53	33	29	14	15	62	58
Peru	125	104	301	1,118	2,072	2,675	3,004
Philippines	75	92	35	45	91	16	15
Pitcairn Island	166	48	0	0	0	0	0

Countries	1998	1999	2000	2001	2002[R]	2003[R]	2004[P]
	thousand dollars						
Poland	102	185	166	142	198	377	475
Portugal	385	382	297	370	341	337	318
Romania	13	7	12	11	16	10	10
Russia	31	87	229	91	137	104	190
Saint Lucia	0	0	1	0	0	0	0
Saudi Arabia	60	48	0	0	0	*	*
Seychelles	*	0	0	0	0	0	0
Singapore	46	5	10	0	57	30	68
Slovakia	6	0	0	0	0	4	8
Slovenia	4	9	2	*	1	5	7
Somalia	0	0	0	0	0	0	0
South Africa	1,274	3,130	399	2,431	1,370	1,380	1,043
Spain	771	1,588	948	896	834	1,031	740
Sri Lanka	13	14	9	11	50	82	89
St. Kitts-Nevis	0	0	0	0	0	0	*
St. Vincent Gren.	*	0	0	0	0	*	0
Sudan	0	0	0	0	0	0	2
Surinam	*	0	0	0	0	3	0
Sweden	413	245	181	271	434	316	334
Switzerland	31	170	172	264	378	40	102
Syria Arab. Rep.	0	0	*	0	0	0	*
Taiwan	53	95	125	108	75	46	78
Tanzania, Un. Rep.	1	1	2	2	0	*	*
Thailand	461	476	313	218	206	298	340
Tokelau	0	0	0	0	0	0	0
Tonga	0	0	0	0	0	0	*
Trinidad-Tobago	*	*	0	0	0	3	1
Tunisia	*	*	0	*	*	3	1
Turkey	28	97	9	188	178	27	97
Uganda	0	0	0	0	0	25	0
Ukraine	11	165	103	9	1	71	17
United Arab Emir.	0	0	0	0	0	*	0
United Kingdom	3,467	4,241	3,297	2,972	3,574	3,133	2,761
United States	572,979	596,074	602,580	655,357	852,020	791,012	693,816
U.S. Outlying Islands	0	0	0	0	0	0	0
Uruguay	314	514	74	135	70	51	183
Venezuela	11	1	*	*	0	*	1
Vietnam	0	1	*	0	21	1	2
Yemen	*	0	0	0	0	*	*
Zaire	0	0	0	0	0	0	0
Zimbabwe	0	0	0	0	*	0	*
TOTAL	**639,101**	**673,137**	**669,147**	**734,635**	**941,388**	**882,860**	**785,655**

* Less than $500.
NOTE: Totals do not include Canadian re-imports.
SOURCE: Statistics Canada, TIERS, Agriculture & Agri-Food Canada

TABLE 147: Historical Agri-Food Imports by States

State	1998	1999	2000	2001	2002[R]	2003[P]	2004[P]
	thousand dollars						
Alabama	4,482	2,724	2,689	6,993	5,808	2,543	2,844
Alaska	72	27	17	86	43	7	20
Arizona	552	3,590	4,700	2,547	2,865	3,368	3,118
Arkansas	10,721	7,808	7,401	7,808	9,079	9,854	6,872
California	62,205	58,309	60,061	62,058	54,082	41,161	42,707
Colorado	4,977	6,081	7,410	4,355	5,635	2,890	2,143
Connecticut	2,656	405	1,708	4,857	4,916	930	438
Delaware	61	133	7	27	150	49	109
Dist. of Columbia	999	671	6,151	3,577	413	20	4
Florida	20,472	22,874	22,328	22,762	27,515	23,436	21,070
Georgia	3,229	3,863	9,783	12,088	9,909	10,201	12,374
Hawaii	153	168	239	252	369	478	568
Idaho	3,708	5,065	2,756	2,634	7,569	6,556	2,855
Illinois	47,576	52,517	53,039	61,553	71,264	65,106	61,844
Indiana	6,390	6,609	6,984	6,656	10,809	20,225	14,135
Iowa	29,791	29,564	24,623	31,909	32,290	46,893	39,316
Kansas	12,037	13,432	8,228	6,119	6,360	7,484	8,066
Kentucky	6,041	4,153	4,476	4,607	5,994	5,560	7,294
Louisiana	917	591	1,025	1,166	1,207	927	741
Maine	357	217	577	576	792	985	809
Maryland	1,349	988	1,421	1,152	1,782	1,505	2,989
Massachusetts	1,304	4,392	6,794	5,939	2,006	588	1,757
Michigan	9,300	9,989	10,527	8,066	6,973	7,042	9,240
Minnesota	123,793	131,048	125,147	128,918	214,324	174,982	153,147
Mississippi	840	1,496	436	982	246	1,473	6,102
Missouri	18,198	18,590	19,396	12,086	33,271	35,312	31,249
Montana	454	781	499	634	509	487	389
Nebraska	17,081	15,778	14,546	13,067	16,826	25,741	18,913
Nevada	299	972	2,283	1,078	292	149	40
New Hampshire	2	20	59	288	2	15	42
New Jersey	14,978	5,566	7,012	13,233	12,825	8,434	9,060
New Mexico	26	118	234	73	36	76	126
New York	7,459	7,806	15,139	13,385	9,657	7,820	7,090
North Carolina	1,635	1,164	2,570	3,476	1,309	1,732	2,907
North Dakota	72,543	86,123	60,215	81,743	148,000	143,344	90,116
Ohio	7,409	10,097	12,633	14,939	12,863	14,761	18,041
Oklahoma	1,940	1,519	1,038	1,181	2,006	2,363	2,393
Oregon	1,141	2,478	4,267	4,473	4,641	2,901	4,287
Pennsylvania	3,974	4,625	4,362	4,811	4,429	5,097	5,519
Puerto Rico	2	1	1	55	3	35	146
Rhode Island	2	4	7	5	5	9	7
South Carolina	584	689	452	653	285	359	739
South Dakota	23,900	23,115	40,257	39,083	50,964	33,277	30,867
Tennessee	1,738	4,207	6,617	6,456	5,838	9,283	5,507
Texas	6,435	5,696	6,894	9,914	11,081	10,679	9,212
U.S. Virgin Islands	0	0	0	0	32	974	1,424
Utah	2,016	1,088	852	816	646	851	3,700
Vermont	2	22	79	52	20	2	8
Virginia	410	1,602	6,843	4,604	1,545	4,218	3,972
Washington, state	3,434	1,897	1,643	2,128	1,542	708	4,566
West Virginia	102	1	7	8	0	110	439
Wisconsin	32,601	34,225	25,693	39,021	50,625	47,522	41,617
Wyoming	61	84	136	352	281	437	874
States not specified	571	974	318	54	85	53	6
TOTAL UNITED STATES	**572,979**	**595,955**	**602,580**	**608,322**	**852,020**	**791,012**	**693,816**

* Less than $500

SOURCE: Statistics Canada, TIERS, Agriculture & Agri-Food Canada

TABLE 148: Census Farm Area and Land Use

Year	Improved Land					Unimproved Land	TOTAL LAND
	Crops	Pasture	Fallow	Other	TOTAL		
	thousand hectares						
1941	2,561	185	1,120	112	3,978	2,858	6,836
1946	2,608	208	1,036	103	3,955	2,791	6,746
1951	2,968	237	1,019	131	4,355	2,820	7,175
1956	3,110	241	1,144	140	4,635	2,622	7,257
1961	3,112	291	1,307	132	4,842	2,511	7,353
1966	3,518	312	1,080	127	5,037	2,686	7,723
1971	3,691	296	1,074	120	5,181	2,511	7,692
1976	3,848	311	934	124	1,372	2,483	7,700
1981	4,420	353	598	133	5,504	2,112	7,616
1986	4,519	275	509	100	5,403	2,337	7,740
1991	4,761	341	297	NA	5,399	2,326	7,725
1996	4,699	356	323	NA	5,379	2,353	7,732
2001	4,715	383	256	NA	5,354	2,248	7,602
	thousand acres						
1941	6,328	456	2,767	278	9,829	7,062	16,891
1946	6,445	514	2,560	254	9,773	6,898	16,671
1951	7,335	585	2,519	323	10,762	6,968	17,730
1956	7,686	595	2,828	345	11,454	6,478	17,932
1961	7,689	720	3,230	325	11,964	6,206	18,170
1966	8,694	770	2,669	313	12,446	6,638	19,084
1971	9,122	731	2,655	296	12,804	6,204	19,008
1976	9,508	769	2,308	306	12,891	6,135	19,026
1981	10,923	871	1,479	328	13,601	5,218	18,819
1986	11,168	679	1,258	246	13,351	5,775	19,126
1991	11,765	843	734	NA	13,342	5,747	19,089
1996	11,612	880	800	NA	13,292	5,815	19,107
2001	11,651	948	632	NA	13,230	5,554	18,784

SOURCE: Statistics Canada, Census of Agriculture

TABLE 149: Census Farm Numbers and Size

Year	Farms	Average Size			
		Total		Improved	
		hectares	acres	hectares	acres
1941	58,024	118	291	68	169
1946	54,448	124	306	72	179
1951	52,383	137	338	83	205
1956	49,201	147	364	94	233
1961	43,306	170	420	112	276
1966	39,747	194	480	127	313
1971	34,981	220	543	148	366
1976	32,104	240	593	162	402
1981	29,442	259	639	187	462
1986	27,336	283	700	198	488
1991	25,706	301	743	210	519
1996	24,383	317	784	221	545
2001	21,071	361	891	254	628

SOURCE: Statistics Canada, Census of Agriculture

TABLE 150: Census Farm Area by Tenure

Year	Area Operated By:				Total Area	
	Owners	Renters	Owners-Renters	Managers	Owned or Managed	Rented
	thousand hectares					
1941	3,744	1,386	1,637	69	4,698	2,138
1946	4,062	973	1,618	94	5,056	1,691
1951	4,264	722	2,019	170	5,580	1,595
1956	4,092	655	2,335	175	5,592	1,665
1961	3,722	552	2,843	236	5,551	1,802
1966	3,878	379	3,228	238	5,938	1,785
1971	3,581	371	3,740	NA	5,691	2,001
1976	3,283	479	3,938	NA	5,500	2,200
1981	2,668	579	4,369	NA	5,098	2,518
1986	NA	NA	NA	NA	4,871	2,869
1991	NA	NA	NA	NA	4,858	2,867
1996	NA	NA	NA	NA	4,929	2,803
2001	NA	NA	NA	NA	4,747	2,855
	thousand acres					
1941	9,252	3,424	4,044	171	11,609	5,283
1946	10,038	2,404	3,997	232	12,494	4,178
1951	10,536	1,784	4,989	421	13,788	3,942
1956	10,111	1,618	5,770	433	13,818	4,113
1961	9,196	1,365	7,026	583	13,716	4,454
1966	9,584	936	7,977	587	14,673	4,411
1971	8,849	917	9,242	NA	14,063	4,945
1976	8,112	1,183	9,731	NA	13,591	5,435
1981	6,592	1,430	10,797	NA	12,596	6,223
1986	NA	NA	NA	NA	12,038	7,089
1991	NA	NA	NA	NA	12,005	7,084
1996	NA	NA	NA	NA	12,179	6,927
2001	NA	NA	NA	NA	11,730	7,054

SOURCE: Statistics Canada, Census of Agriculture.

TABLE 151: Permit Holders, Quota Areas

	Permit Books	Quota Areas	
		Hectares	Acres
		thousands	
1988/89	24,410	5,849	14,452
1989/90	23,728	5,852	14,460
1990/91	22,760	5,812	14,362
1991/92	21,912	5,704	14,095
1992/93	20,946	5,607	13,855
1993/94	19,745	NA	NA
1994/95	18,191	NA	NA
1995/96	15,225	NA	NA
1996/97	15,524	NA	NA
1997/98	15,899	NA	NA
1998/99	14,800	NA	NA
1999/2000	13,993	NA	NA
2000/01	13,960	NA	NA
2001/02	12,527	NA	NA
2002/03	11,553	NA	NA
2003/04	11,211	NA	NA
2004/05	9,266	NA	NA

SOURCE: Canadian Wheat Board.

TABLE 152: Historical Value Per Unit of Farmland and Buildings, Manitoba and Canada

Year	$ per hectare		$ per acre	
	Manitoba	Canada	Manitoba	Canada
1960	94	119	38	48
1961	99	124	40	50
1962	99	128	40	52
1963	108	136	43	55
1964	121	151	49	61
1965	138	168	56	68
1966	153	188	62	76
1967	175	212	71	86
1968	193	235	78	95
1969	183	240	74	97
1970	180	242	73	98
1971	178	247	72	100
1972	190	267	77	108
1973	227	324	92	131
1974	297	423	120	171
1975	348	536	141	217
1976	418	635	169	257
1977	492	731	199	296
1978	610	867	247	351
1979	719	1,072	291	434
1980	875	1,352	354	547
1981	1,013	1,520	410	615
1982	939	1,517	380	614
1983	939	1,448	380	586
1984	907	1,379	367	558
1985	887	1,278	359	517
1986	850	1,181	344	478
1987	803	1,127	325	456
1988	751	1,147	304	464
1989	810	1,280	328	518
1990	887	1,371	359	555
1991	882	1,384	357	560
1992	890	1,352	360	547
1993	922	1,371	373	555
1994	959	1,443	388	584
1995	1,020	1,567	413	634
1996	1,095	1,703	443	689
1997	1,181	1,873	478	758
1998	1,231	1,967	498	796
1999	1,250	2,031	506	822
2000	1,280	2,086	518	844
2001	1,297	2,130	525	862
2002	1,312	2,189	531	885
2003	1,354	2,239	548	905
2004	1,369	2,291	554	927

SOURCE: Statistics Canada

TABLE 153: Census Farm and Total Population

Year	Number of Farms	Population		Farm Population % of Total
		Farm	Manitoba	
1931	54,199	256,305	700,139	36.6
1941	58,024	249,599	729,744	34.2
1946	54,448	224,919	726,923	30.9
1951	52,383	219,233	776,541	28.2
1956	49,201	202,163	850,040	23.8
1961	43,306	172,946	921,686	18.8
1966	39,747	161,662	963,066	16.8
1971	34,981	131,202	988,247	13.3
1976	32,104	114,115	1,021,506	11.2
1981	29,442	98,375	1,026,241	9.6
1986	27,336	86,505	1,071,232	8.1
1991	25,706	79,280	1,091,942	7.3
1996	24,383	79,840	1,113,898	7.2
2001	21,071	68,130	1,119,583	6.1

SOURCE: Statistics Canada, Censuses of Agriculture and Population.

TABLE 154: Census Farm Operators by Age and Sex

Year	All Farm Operators*			Under 35 Years of Age		35-54 Years of Age		Over 55 Years of Age		Average Age of Operators		
	Total	Male	Female	Male	Female	Male	Female	Male	Female	Total	Male	Female
1931	50,203			10,386		39,817						
1941	54,073			11,726		42,347						
1951	52,134			12,832		25,863		13,439		Not Available		
1961	43,306	Not		7,297		22,993		13,016				
1966	39,747	Available		6,102		20,919		12,726				
1971	34,981			5,570		17,773		11,638		48.4		
1976	32,104			6,880		14,916		10,308		47.2	Not Available	
1981	29,442			7,228		13,261		8,953		46.3		
1986	27,335	26,465	870	6,150	185	11,505	355	8,810	325	47.2		
1991	34,780	27,005	7,775	5,580	1,605	12,270	4,020	9,155	2,145	47.4	47.7	46.3
1996[R]	33,310	26,155	7,155	4,575	1,330	12,955	4,065	8,550	1,785	47.7	47.9	46.2
2001[R]	28,795	22,225	6,570	2,985	875	11,640	3,840	7,655	1,805	49.0	49.4	47.6

* Prior to 1991 primary farm operators only.
SOURCE: Statistics Canada, Censuses of Agriculture and Population.

TABLE 155: Percentage of Persons in Manitoba Farm Households in the Labour Force, by Occupation

Occupation	1971		1981		1986	
	Number	%	Number	%	Number	%
Farm Operators	26,910	41	22,715	42	22,250	41
Farm Workers	16,970	26	8,750	16	10,460	19
Construction Occupation	2,405	4	1,965	4	1,800	3
Transport Equipment	1,655	3	1,450	3	1,320	2
Clerical and Related	2,285	3	3,585	7	3,720	7
Services Occupation	2,420	4	2,535	5	2,695	5
Teaching and Related	1,300	2	1,160	2	1,220	2
Sales Occupation	1,400	2	1,780	3	1,790	3
Medicine and Health	1,005	2	1,490	3	1,670	3
Product Fabricating	1,325	2	1,620	3	1,245	2
All Other Occupations	7,740	12	6,160	11	5,815	11
Not Specified	-	-	445	1	365	1
TOTAL	**65,415**	**100**	**53,655**	**100**	**54,350**	**100**

NOTE: Workers 15 years of age and over.
SOURCE: Statistics Canada, Censuses of Agriculture and Population.

TABLE 156: Census Numbers of Machinery on Farms

Year	Tractors	Trucks	Combines	Swathers	Balers
1951	50,984	21,163	15,268	-	-
1956	59,265	28,556	21,425	-	-
1961	61,463	31,806	23,662	20,408	8,573
1966	65,552	36,689	24,815	23,530	12,712
1971	64,587	41,306	23,325	23,833	13,472
1976	67,077	49,844	23,467	23,843	14,173
1981	67,342	54,070	22,631	24,291	15,694
1986	73,945	57,502	21,946	24,528	15,317
1991	73,523	57,904	20,588	23,403	15,812
1996	68,735	55,704	17,490	20,444	15,088
2001	69,209	51,784	14,673	21,785 *	13,518

* Includes mower conditioners.
SOURCE: Statistics Canada, Census of Agriculture

TABLE 157: Historical Sales of Selected Farm Machinery

Year	Tractors	Combines	Swathers	Balers
1960	2,461	1,079	783	1,518
1961	1,803	496	743	1,043
1962	2,298	1,228	1,221	1,807
1963	2,735	1,378	1,328	1,187
1964	3,221	1,572	2,231	1,399
1965	3,037	1,900	2,339	1,212
1966	3,692	1,702	1,709	1,021
1967	2,973	1,454	1,838	642
1968	1,949	1,223	1,763	562
1969	1,610	642	1,100	537
1970	1,482	393	606	489
1971	1,138	482	772	485
1972	1,583	506	958	595
1973	2,371	856	1,462	779
1974	2,622	675	939	731
1975	2,823	856	1,471	1,007
1976	2,730	604	1,515	1,163
1977	2,190	1,012	1,131	850
1978	2,485	695	NA	297
1979	2,610	1,018	1,191	817
1980	2,251	781	1,249	810
1981	2,132	1,056	1,328	645
1982	1,787	636	977	465
1983	1,453	578	740	481
1984	1,550	580	787	383
1985	1,641	809	867	419
1986	1,378	591	430	529
1987	1,005	245	575	464
1988	1,040	145	601	510
1989	1,073	277	392	492
1990	1,010	302	190	470
1991	827	243	236	356

SOURCE: Statistics Canada, Canadian Farm and Industrial Equipment Institute

TABLE 158: Historical Sales of Fertilizer

Year Ending June 30	Major Formulations[1]	Other Materials[2]	TOTAL	Major Formulations[1]	Other Materials[2]	TOTAL
	tonnes			tons		
1961	26,022	1,130	27,152	28,684	1,246	29,930
1962	30,004	1,802	31,806	33,073	1,986	35,059
1963	41,376	1,376	42,752	45,608	1,517	47,125
1964	51,918	2,377	54,295	57,229	2,620	59,849
1965	65,104	2,420	67,524	71,764	2,668	74,432
1966	135,560	3,590	139,150	149,427	3,957	153,384
1967	160,425	3,902	164,327	176,835	4,301	181,136
1968	216,233	3,547	219,780	238,352	3,910	242,262
1969	124,874	3,888	128,762	137,648	4,286	141,934
1970	116,632	3,706	120,338	128,563	4,085	132,648
1971	172,860	4,354	177,214	190,542	4,799	195,341
1972	189,251	7,255	196,506	208,610	7,997	216,607
1973	271,469	6,125	277,594	299,238	6,751	305,989
1974	317,689	8,553	326,242	350,192	9,428	359,620
1975	340,129	4,521	344,650	374,928	4,983	379,911
1976	363,771	5,587	369,358	400,989	6,159	407,148
1977	360,072	7,037	367,109	396,908	7,757	404,665
1978	451,158	4,650	455,808	497,317	5,126	502,443
1979	538,900	4,800	543,700	594,029	5,291	599,320
1980	545,900	2,200	548,100	601,746	2,425	604,171
1981	513,000	4,000	517,000	565,480	4,409	569,889
1982	517,800	3,500	521,300	570,777	3,900	574,677
1983	502,600	1,400	504,000	554,070	1,500	555,570
1984	583,200	5,500	588,700	642,800	6,100	648,900
1985	669,100	5,400	674,500	737,706	5,954	743,660
1986	665,900	900	666,800	734,100	1,000	735,100
1987	568,100	47,900	616,000	626,200	52,800	679,000
1988	641,000	37,200	678,200	706,600	41,000	747,600
1989	580,900	46,600	627,500	640,400	51,400	691,800
1990	610,900	47,200	658,100	673,400	52,000	725,400
1991	659,600	40,800	700,400	727,100	45,000	772,100
1992	654,900	44,700	699,600	721,900	49,300	771,200
1993	707,500	42,400	749,900	779,900	46,700	826,600
1994	760,400	54,900	815,300	838,200	60,500	898,700
1995	790,200	54,600	844,800	871,000	60,200	931,200
1996	773,400	59,000	832,400	852,300	65,000	917,300
1997	839,100	64,300	903,400	924,600	70,900	995,500
1998	893,700	72,700	966,400	984,900	80,100	1,065,000
1999	854,400	57,400	911,800	941,700	63,300	1,005,000
2000	880,500	34,100	914,600	970,400	37,600	1,008,000
2001	812,300	24,800	837,000	895,300	27,300	922,400
2002	827,400	31,900	859,300	911,800	35,100	946,900
2003	966,900	35,300	1,002,200	1,065,500	38,900	1,104,400
2004	912,700	30,500	943,200	1,005,700	33,600	1,039,300

[1] Includes ammonium phosphate, ammonium nitrate, urea, anhydrous ammonia, nitrogen solutions, ammonium sulphate, potassium chloride.

[2] Includes phosphates and sulphur solutions, mixed fertilizer materials and elemental sulphur and sulphate fertilizers not in "major formulations" category.

SOURCE: Agriculture and Agri-Food Canada, Farm Input Markets Unit, Farm Income Policy and Programs Directorate.

FARM FINANCES

TABLE 159: Historical Farm Input Price Indices (1992 = 100), Western Canada

	Building & Fencing	Machinery & Motor Vehicles	Crop Production	Animal Production	Supplies & Services	Hired Farm Labour	Property Taxes	Interest	Farm Rent	TOTAL FARM INPUTS
1971	29.1	33.0	31.2	33.7	30.1	23.1				29.4
1972	32.1	34.2	32.4	37.7	31.1	25.0				31.4
1973	36.1	35.6	37.3	51.5	33.0	28.6				36.6
1974	42.0	40.0	59.8	54.8	36.5	34.2				42.6
1975	45.6	46.5	73.8	54.3	41.1	40.6				48.0
1976	50.6	50.7	71.6	55.1	45.2	46.9				51.3
1977	54.5	54.5	68.6	54.8	48.5	52.1				52.6
1978	59.6	60.0	71.0	70.7	52.1	55.3				59.5
1979	66.5	67.8	78.5	89.6	57.2	58.6				69.7
1980	69.8	76.3	98.0	88.3	62.4	62.9				76.6
1981	76.0	84.9	104.9	88.9	74.9	67.2	56.1	129.9	110.7	88.1
1982	81.2	84.4	103.0	88.6	81.8	71.5	65.8	127.0	113.2	91.0
1983	87.7	88.1	100.2	89.4	85.6	74.0	67.7	104.6	115.4	91.2
1984	86.8	90.2	103.5	90.9	89.8	77.1	71.8	115.8	107.1	93.9
1985	87.9	88.4	106.0	90.4	91.7	79.6	76.7	117.3	116.3	95.1
1986	93.6	90.2	105.5	96.6	91.7	81.8	81.8	102.0	108.7	95.3
1987	96.3	89.3	98.6	101.0	93.2	83.7	80.0	99.3	90.3	94.1
1988	96.6	90.6	97.2	107.1	93.7	87.5	84.4	107.7	90.4	96.9
1989	98.3	92.8	104.4	107.1	93.6	91.9	89.7	121.3	106.1	101.2
1990	100.3	96.4	104.6	104.8	96.5	95.1	93.1	130.6	110.0	103.5
1991	98.2	99.7	97.8	103.2	98.6	98.9	97.1	112.4	102.5	101.3
1992	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1993	107.8	103.4	105.2	111.5	101.8	100.7	103.0	96.1	104.9	104.8
1994	114.2	108.6	111.7	115.3	105.1	102.7	108.3	92.4	108.4	108.6
1995	114.1	114.5	127.1	110.6	107.8	105.9	112.3	101.3	130.2	114.1
1996	116.5	119.0	137.6	112.3	113.2	110.1	116.9	90.2	152.9	118.1
1997	120.3	122.7	131.6	122.9	115.1	115.4	119.0	87.3	138.2	120.3
1998	116.9	123.5	126.7	117.7	111.8	115.9	122.6	86.5	139.2	118.5
1999	123.2	125.0	122.4	120.3	112.3	111.0	124.1	86.9	139.7	119.0
2000	118.6	136.0	123.1	133.6	116.2	117.1	126.1	95.0	130.6	126.7
2001	118.5	143.3	142.7	141.0	118.6	123.8	121.4	89.2	128.0	132.9
2002	121.6	140.7	140.6	136.6	119.6	126.0	127.9	83.7	135.6	130.9
2003[R]	120.9	154.4	167.1	131.0	125.0	129.9	136.0	82.7	148.9	137.5
2004	138.8	154.3	158.4	111.5	124.4	136.5	139.4	79.1	153.2	131.7

SOURCE: Statistics Canada, Cansim 328-0014.

TABLE 160: Historical Farm Input Price Indices (1992 = 100), Manitoba

	Building & Fencing	Machinery & Motor Vehicles	Crop Production	Animal Production	Supplies & Services	Hired Farm Labour	Property Taxes	Interest	Farm Rent	TOTAL FARM INPUTS
1992	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1993	106.4	102.4	103.2	110.8	101.1	103.3	103.0	97.1	96.5	103.6
1994	113.3	107.1	111.9	115.6	102.5	106.8	111.8	93.8	103.7	108.6
1995	113.8	113.8	126.2	113.0	104.6	110.3	124.6	101.2	117.4	114.9
1996	115.8	118.1	134.1	118.4	107.8	114.1	128.3	89.8	135.1	119.5
1997	120.7	121.7	130.3	126.1	110.9	115.2	129.4	87.2	129.3	121.3
1998	117.9	121.8	126.8	117.3	110.9	119.2	133.8	90.0	132.7	119.5

SOURCE: Statistics Canada. (Breakdown no longer available.)

TABLE 161: Historical Farm Product Price Indices (1986 = 100), Manitoba, 1986-1995

	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
TOTAL INDEX	**100.0**	**95.2**	**106.4**	**115.9**	**109.3**	**96.8**	**98.9**	**104.0**	**108.4**	**118.9**
TOTAL CROPS	**100.0**	**87.9**	**116.0**	**133.8**	**116.4**	**94.9**	**98.7**	**100.4**	**112.8**	**135.9**
Cereals	100.0	86.8	113.0	134.3	112.1	92.0	97.7	95.8	108.8	138.7
Oilseeds	100.0	83.5	130.5	135.5	127.9	95.0	96.1	111.6	131.1	147.8
All Other Crops[1]	100.0	104.6	109.9	126.1	123.9	115.5	109.0	111.9	104.8	90.7
TOTAL LIVESTOCK & PRODUCTS	**100.0**	**103.0**	**96.3**	**97.0**	**101.8**	**98.7**	**99.2**	**107.8**	**103.8**	**100.9**
Cattle & Calves	100.0	110.9	106.7	105.4	108.3	107.1	107.9	121.1	109.8	100.4
Hogs	100.0	97.7	74.6	72.4	88.6	78.5	77.1	84.8	84.0	85.1
Poultry	100.0	95.2	97.5	105.8	104.0	100.2	97.7	98.6	95.2	94.4
Eggs	100.0	92.0	98.8	106.5	94.8	93.5	101.9	104.8	107.4	114.6
Dairy	100.0	98.8	104.1	109.1	109.4	111.0	111.0	115.4	121.6	123.1
Other Livestock & Products[2]	100.0	104.2	97.7	84.2	88.4	100.8	101.3	112.9	113.7	114.0

1 Includes fruits, vegetables (including potatoes), sugar beets and sunflower seed.
2 Includes lambs, honey and fur.
SOURCE: Statistics Canada.

TABLE 162: Historical Farm Product Price Indices (1997 = 100), Manitoba, 1994-2004

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003[R]	2004[P]
TOTAL INDEX	**85.5**	**97.7**	**104.8**	**100.0**	**94.3**	**87.5**	**88.1**	**96.5**	**101.1**	**96.9**	**93.9**
TOTAL CROPS	**80.4**	**102.5**	**110.1**	**100.0**	**98.9**	**85.1**	**76.2**	**87.6**	**105.0**	**99.1**	**91.7**
Grains	78.3	108.1	116.7	100.0	98.1	89.4	83.4	92.8	108.8	102.5	86.0
Oilseeds	83.8	94.0	100.3	100.0	97.7	74.3	59.0	73.9	97.5	92.3	94.3
Specialty Crops	98.1	104.3	117.0	100.0	105.8	99.8	93.3	108.9	116.7	106.7	101.0
Fruit	112.7	112.4	84.5	100.0	90.5	89.8	93.1	121.6	96.0	100.6	98.6
Vegetables (excl potatoes)	95.0	98.1	103.0	100.0	96.0	97.4	101.5	110.5	113.8	109.5	103.2
Potatoes	77.7	91.9	96.5	100.0	109.9	97.8	100.9	101.6	108.7	103.5	102.0
TOTAL LIVESTOCK & PRODUCTS	**92.4**	**90.5**	**96.7**	**100.0**	**87.8**	**90.6**	**103.7**	**108.6**	**97.8**	**95.6**	**97.3**
Cattle & Calves	108.0	98.7	89.4	100.0	102.3	108.9	120.3	123.5	110.1	102.9	92.8
Hogs	80.4	82.0	101.2	100.0	67.1	69.1	92.0	98.3	84.0	82.1	92.0
Poultry	86.4	86.0	100.0	100.0	96.3	92.9	92.4	99.1	96.6	100.2	103.3
Eggs	92.4	98.4	105.4	100.0	96.8	91.0	86.2	85.2	80.3	83.3	83.3
Dairy	90.5	91.7	96.5	100.0	102.2	105.6	104.6	109.2	114.6	120.4	118.9

SOURCE: Statistics Canada, Cat. No. 21-007-XIB and Cansim 002-0022, June 2005.

TABLE 163: Historical Farm Cash Receipts

Year	Crop Receipts	Livestock Receipts	Other Receipts	TOTAL CASH RECEIPTS
	thousand dollars			
1960	113,719	108,193	10,925	232,837
1961	114,253	124,778	3,730	242,761
1962	136,379	114,225	12,113	262,717
1963	147,707	121,768	2,273	271,748
1964	170,778	128,266	2,486	301,530
1965	184,173	155,935	2,505	342,613
1966	200,084	172,842	4,953	377,879
1967	193,198	174,481	7,123	374,802
1968	187,754	170,713	6,396	364,863
1969	168,823	176,516	5,727	351,066
1970	128,703	202,614	10,110	341,427
1971	173,905	194,192	10,352	378,449
1972	238,844	239,750	18,989	497,583
1973	281,819	329,987	17,786	629,592
1974	481,012	334,651	14,127	829,790
1975	565,301	349,668	35,533	950,502
1976	489,776	356,896	43,410	890,082
1977	472,226	381,330	31,145	884,701
1978	595,864	501,014	49,804	1,146,682
1979	711,094	565,325	66,665	1,343,084
1980	819,870	598,142	76,281	1,494,293
1981	962,069	608,869	80,490	1,651,428
1982	1,004,734	672,638	47,609	1,724,981
1983	1,099,752	625,487	78,130	1,803,369
1984	1,159,150	696,172	134,201	1,989,523
1985	1,106,780	731,509	172,246	2,010,535
1986	1,066,413	797,799	237,746	2,101,958
1987	804,432	833,956	477,557	2,115,945
1988	869,786	787,858	431,831	2,089,475
1989	888,685	769,658	449,853	2,108,196
1990	1,022,198	793,961	169,283	1,985,442
1991	1,015,312	759,063	230,030	2,004,405
1992	954,497	825,737	388,530	2,168,764
1993	1,059,076	933,795	387,483	2,380,354
1994	1,217,981	919,248	313,786	2,451,015
1995	1,426,786	956,398	120,104	2,503,288
1996	1,618,597	1,113,602	56,181	2,788,380
1997	1,694,342	1,199,864	142,019	3,036,225
1998	1,628,931	1,217,143	92,084	2,938,158
1999	1,401,170	1,290,818	216,017	2,908,005
2000	1,312,530	1,550,912	287,093	3,150,535
2001	1,519,408	1,795,685	382,147	3,697,240
2002	1,915,131	1,721,192	218,963	3,855,286
2003[R]	1,700,337	1,561,346	308,117	3,569,800
2004[P]	1,780,325	1,667,849	458,711	3,906,885

SOURCE: Statistics Canada

TABLE 164: Historical Farm Cash Receipts From Crop Sales

Year	Wheat	Oats	Barley	Flaxseed	Canola	Other	TOTAL CROPS
	thousand dollars						
1960	66,349	6,378	15,108	12,189	754	12,941	113,719
1961	81,410	5,522	10,367	12,603	526	3,825	114,253
1962	77,416	10,129	11,395	20,654	884	15,901	136,379
1963	91,003	12,478	9,362	16,707	1,497	16,660	147,707
1964	99,832	12,423	10,059	29,323	3,047	16,094	170,778
1965	110,968	11,593	12,172	25,320	3,170	20,950	184,173
1966	114,363	14,457	13,936	33,996	4,619	18,713	200,084
1967	120,418	12,171	15,830	20,655	3,544	20,580	193,198
1968	109,486	11,292	17,127	15,192	3,103	31,554	187,754
1969	72,057	12,886	13,268	25,685	5,418	39,509	168,823
1970	72,317	6,347	21,472	17,613	9,727	1,227	128,703
1971	77,144	7,747	31,961	14,710	14,091	28,252	173,905
1972	113,272	11,553	45,302	12,988	19,901	35,828	238,844
1973	120,963	15,684	69,946	38,535	32,472	4,219	281,819
1974	225,296	14,649	100,889	61,350	50,120	28,708	481,012
1975	287,418	28,879	99,019	38,140	42,461	69,384	565,301
1976	243,166	23,883	80,402	39,881	29,040	73,404	489,776
1977	182,535	22,151	70,867	42,099	56,694	97,880	472,226
1978	234,187	15,681	99,334	54,594	90,696	101,372	595,864
1979	281,269	6,200	102,939	77,247	122,522	120,917	711,094
1980	388,022	4,907	93,564	92,919	99,492	140,966	819,870
1981	473,515	6,983	147,752	74,343	75,337	184,139	962,069
1982	512,010	7,211	161,038	67,409	99,509	157,557	1,004,734
1983	582,917	8,464	160,290	107,918	120,997	119,166	1,099,752
1984	618,065	8,406	134,887	96,942	138,996	161,854	1,159,150
1985	517,057	7,674	152,892	124,168	138,738	166,251	1,106,780
1986	537,768	9,030	147,368	83,102	125,064	164,081	1,066,413
1987	405,256	7,532	64,389	62,689	108,806	155,760	804,432
1988	440,019	12,634	63,638	71,932	146,263	135,300	869,786
1989	410,462	12,950	87,056	70,616	127,780	179,821	888,685
1990	568,040	8,531	96,776	55,004	101,821	192,026	1,022,198
1991	558,924	5,299	69,305	35,467	132,382	213,935	1,015,312
1992	426,845	18,475	57,385	49,782	197,095	204,915	954,497
1993	485,538	29,663	60,810	52,382	257,835	172,848	1,059,076
1994	501,173	27,635	57,772	75,123	402,350	153,928	1,217,981
1995	599,284	48,436	66,399	92,747	370,142	249,778	1,426,786
1996	675,314	85,133	94,115	88,653	396,994	278,389	1,618,597
1997	649,030	79,379	86,830	134,764	471,851	272,488	1,694,342
1998	469,080	62,262	51,885	93,062	622,296	330,346	1,628,931
1999	493,898	63,524	38,347	42,647	351,749	411,005	1,401,170
2000	447,319	68,208	45,058	47,099	324,316	380,530	1,312,530
2001	586,309	95,986	93,607	50,203	363,892	329,411	1,519,408
2002	658,409	124,780	84,970	83,858	484,400	478,714	1,915,131
2003[r]	457,766	113,962	49,329	58,104	534,488	486,688	1,700,337
2004[p]	550,528	88,093	47,263	56,126	596,888	441,427	1,780,325

SOURCE: Statistics Canada

TABLE 165: Historical Farm Cash Receipts From Livestock Sales

Year	Cattle & Calves	Hogs	Sheep & Lambs	Dairy Products	Poultry & Eggs	Other Livestock & Products	TOTAL LIVESTOCK
	thousand dollars						
1960	40,298	17,884	466	23,868	20,570	5,107	108,193
1961	51,535	22,356	527	24,084	21,155	5,121	124,778
1962	44,074	20,628	445	24,096	19,970	5,012	114,225
1963	48,095	19,440	523	23,984	24,228	5,498	121,768
1964	51,026	23,582	544	23,699	23,972	5,443	128,266
1965	71,573	27,415	462	23,255	26,233	6,997	155,935
1966	78,326	35,084	346	22,055	30,464	6,567	172,842
1967	80,557	37,280	325	22,665	27,445	6,209	174,481
1968	76,234	36,074	244	23,075	29,763	5,323	170,713
1969	68,167	44,324	255	23,551	34,743	5,476	176,516
1970	81,239	58,021	213	23,890	34,367	4,884	202,614
1971	85,593	51,211	362	24,171	27,611	5,244	194,192
1972	105,548	66,293	362	28,183	32,173	7,191	239,750
1973	132,136	104,071	402	31,503	52,081	9,794	329,987
1974	131,791	94,758	497	42,951	54,005	10,649	334,651
1975	152,366	87,866	390	50,142	47,593	11,311	349,668
1976	155,618	79,877	383	52,087	55,843	13,088	356,896
1977	178,756	78,230	432	53,122	56,853	13,937	381,330
1978	260,375	105,026	657	57,335	59,492	18,129	501,014
1979	297,132	115,682	694	63,419	68,586	19,812	565,325
1980	308,756	117,432	860	75,491	75,618	19,985	598,142
1981	267,793	137,549	1,078	86,587	84,077	31,785	608,869
1982	286,854	169,466	1,096	95,944	84,683	34,595	672,638
1983	250,573	156,633	1,396	97,798	85,293	33,794	625,487
1984	273,287	185,928	1,536	104,928	93,398	37,095	696,172
1985	297,161	194,859	2,349	102,370	94,456	40,314	731,509
1986	306,566	244,233	1,699	106,782	96,388	42,131	797,799
1987	340,159	246,851	1,683	110,246	94,580	40,437	833,956
1988	318,078	210,987	1,454	118,185	99,332	39,822	787,858
1989	286,622	213,646	1,255	121,201	107,026	39,908	769,658
1990	293,325	236,048	1,521	118,455	103,035	41,577	793,961
1991	257,472	233,041	2,509	118,168	101,767	46,106	759,063
1992	303,932	240,038	6,244	114,820	101,324	59,379	825,737
1993	362,927	276,732	6,843	115,150	102,772	69,371	933,795
1994	317,125	289,749	8,521	127,144	106,094	70,615	919,248
1995	311,957	322,982	9,949	128,720	110,773	72,017	956,398
1996	307,847	448,465	11,512	132,386	125,245	88,147	1,113,602
1997	370,015	467,856	12,330	140,430	120,795	88,438	1,199,864
1998	449,706	398,324	10,629	145,945	122,348	90,191	1,217,143
1999	455,237	458,754	9,320	152,288	125,264	89,955	1,290,818
2000	484,195	669,727	10,220	154,029	141,848	90,893	1,550,912
2001	569,541	805,672	10,184	157,999	149,458	102,831	1,795,685
2002	560,420	718,951	9,778	163,924	149,765	118,354	1,721,192
2003[R]	340,748	762,667	7,489	174,422	153,702	122,318	1,561,346
2004[P]	265,917	936,708	3,388	178,785	161,030	122,021	1,667,849

SOURCE: Statistics Canada

TABLE 166: Historical Farm Operating Expenses and Depreciation Charges

Year	Machinery Operation & Heating Fuel	Depreciation, Bldgs. & Machinery	Interest on Debt	Rent & Taxes	Hired Labour	Feed Bought Commercially	Seed Bought Commercially	Fertilizer	Other	TOTAL EXPENSES*
	thousand dollars									
1960	46,518	33,692	7,790	19,166	12,108	9,531	2,199	2,213	17,081	150,298
1961	46,028	33,971	8,833	18,882	12,571	9,437	2,911	3,494	17,012	153,139
1962	47,540	34,777	10,109	21,110	12,338	16,732	3,044	3,237	19,051	167,938
1963	47,953	36,971	11,635	22,290	11,507	11,911	3,352	4,558	22,134	172,311
1964	49,613	40,289	14,119	22,339	11,530	12,408	3,990	5,925	25,047	185,260
1965	49,989	44,160	15,942	23,434	14,281	12,928	4,521	7,564	26,903	199,722
1966	51,551	48,150	17,948	23,829	14,341	17,256	4,736	15,302	30,461	223,574
1967	53,438	52,593	20,205	24,749	15,565	25,308	4,340	18,521	33,612	248,331
1968	54,919	55,967	23,593	25,961	15,964	20,599	5,274	24,772	35,389	262,338
1969	56,353	56,245	27,315	25,241	15,881	20,075	6,208	13,050	32,278	252,646
1970	57,573	55,633	22,173	24,938	15,943	21,224	5,872	10,906	32,806	247,068
1971	60,949	54,375	22,275	22,152	16,228	23,940	6,996	15,780	55,560	278,255
1972	65,567	56,079	31,487	25,253	16,891	28,551	8,345	18,903	67,409	318,485
1973	76,247	61,078	28,210	35,301	18,925	43,493	9,740	26,708	82,145	381,847
1974	96,805	79,170	38,512	40,800	22,921	60,565	11,591	36,732	104,463	491,559
1975	105,862	106,069	43,997	50,074	26,900	61,476	13,793	59,390	120,523	588,084
1976	116,982	130,798	57,735	54,375	28,174	65,381	16,349	65,274	144,182	679,250
1977	129,142	146,234	63,062	62,316	31,050	66,482	18,074	73,516	167,396	757,272
1978	147,582	166,021	81,506	75,908	35,121	64,471	23,675	101,402	185,728	881,414
1979	162,145	193,799	118,584	93,268	41,255	83,146	33,352	133,540	230,437	1,089,526
1980	182,814	224,299	147,996	107,578	49,576	115,472	34,968	145,361	251,491	1,259,555
1981	248,757	251,006	210,582	115,010	63,176	116,419	36,984	162,959	297,401	1,502,294
1982	273,208	274,349	187,595	124,927	76,832	108,450	39,542	167,540	309,785	1,562,228
1983	292,740	283,751	167,325	130,042	74,992	124,367	44,985	188,069	328,876	1,635,147
1984	298,068	283,147	171,452	137,746	86,341	148,844	49,578	211,073	353,045	1,739,294
1985	302,232	266,706	170,690	142,690	99,015	144,324	48,817	219,153	383,818	1,777,445
1986	282,714	274,745	161,587	136,880	101,444	151,630	47,449	199,373	382,465	1,738,287
1987	286,327	265,711	170,764	109,501	108,534	153,938	44,423	188,943	399,821	1,727,967
1988	263,849	271,640	156,986	124,996	119,544	164,801	48,387	197,141	419,089	1,766,433
1989	289,622	277,180	158,909	139,437	129,284	183,640	47,983	183,307	460,316	1,869,678
1990	307,099	281,822	173,283	135,099	130,644	154,898	49,359	186,594	468,689	1,887,487
1991	320,387	272,126	160,966	137,620	138,934	153,632	54,709	189,654	497,401	1,925,429
1992	321,930	275,555	151,158	146,948	141,523	157,279	51,835	200,455	541,159	1,987,842
1993	343,102	277,615	138,502	150,778	153,015	173,407	61,943	220,778	565,396	2,084,536
1994	346,298	298,096	155,684	160,932	162,470	199,175	74,608	265,101	623,429	2,285,793
1995	358,289	321,820	170,657	162,875	164,479	215,797	74,644	290,689	658,511	2,417,761
1996	373,281	343,781	168,737	173,810	173,085	267,587	82,244	306,840	717,641	2,607,006
1997	376,499	357,193	161,350	180,780	186,916	322,888	91,121	311,693	714,347	2,702,787
1998	361,783	376,404	181,751	187,150	193,004	329,181	97,661	307,304	723,503	2,757,741
1999	372,598	388,874	200,314	194,007	201,225	317,013	90,975	278,494	721,683	2,765,183
2000	408,563	386,933	232,240	198,671	214,839	350,698	94,862	291,214	772,368	2,950,388
2001	425,543	397,886	231,155	204,126	243,198	420,838	95,810	351,938	817,807	3,188,281
2002	423,919	397,354	222,300	223,282	261,438	505,006	112,768	337,860	842,514	3,326,441
2003[R]	444,472	412,187	224,526	230,647	279,739	503,996	121,789	388,539	866,672	3,472,567
2004[P]	471,186	402,990	223,014	232,536	290,928	534,740	124,834	382,322	886,841	3,548,417

* Totals may not add due to rounding; includes rebates from 1971

SOURCE: Statistics Canada

TABLE 167: Historical Farm Income Summary

Year	Crop Receipts	Livestock Receipts	Direct Payments	Total Cash Receipts	Operating Expenses After Rebates	Net Cash Income	Income-In-Kind	Realized Gross Income	Operating & Depreciation Costs	Realized Net Income	Value of Inventory Change	TOTAL NET INCOME*
	million dollars											
1960	114	108	11	233			12	245	150	95	8	103
1961	115	125	3	243			12	255	153	102	-57	45
1962	137	114	12	263			11	274	168	106	53	159
1963	148	122	2	272			11	283	172	111	-4	107
1964	171	128	2	302			10	312	185	127	29	156
1965	184	156	2	343			11	354	200	154	10	164
1966	200	173	5	378			10	388	224	164	-27	137
1967	193	174	7	374			10	384	148	136	16	152
1968	188	171	6	365			10	375	262	112	51	163
1969	169	177	5	351			10	362	253	109	9	118
1970	129	203	10	341			10	351	247	104	-15	89
								Depreciation Charges				
1971	174	194	10	378	224	155	9	54		109	39	148
1972	239	240	19	498	262	235	10	56		189	-32	157
1973	282	330	18	630	321	309	12	61		259	95	355
1974	481	335	14	830	412	417	10	79		349	-49	300
1975	565	350	36	951	482	468	9	106		372	9	381
1976	490	357	43	890	548	342	12	131		223	40	263
1977	472	381	31	885	611	274	10	146		137	134	271
1978	596	501	50	1,147	715	431	12	166		277	49	325
1979	711	565	67	1,343	896	447	13	194		266	-53	214
1980	820	598	76	1,494	1,035	459	15	224		250	-236	14
1981	962	609	80	1,651	1,251	400	15	251		164	227	391
1982	1,005	673	48	1,725	1,288	437	14	274		177	78	255
1983	1,100	625	78	1,803	1,351	452	14	284		182	-164	18
1984	1,159	696	134	1,990	1,456	533	14	283		264	5	269
1985	1,107	732	172	2,011	1,511	500	13	267		247	293	540
1986	1,066	798	238	2,102	1,464	638	10	275		373	-47	326
1987	804	834	478	2,116	1,462	654	8	266		396	-71	325
1988	870	788	432	2,089	1,495	595	8	272		331	-225	107
1989	889	770	450	2,108	1,592	516	8	277		247	144	391
1990	1,022	794	169	1,985	1,606	380	8	282		106	314	420
1991	1,015	759	230	2,004	1,637	367	8	272		103	-1	102
1992	954	826	389	2,169	1,712	457	8	276		189	70	260
1993	1,059	934	387	2,380	1,807	573	10	278		306	-102	204
1994	1,218	919	314	2,451	1,988	463	10	298		175	167	342
1995	1,427	956	120	2,503	2,096	407	10	322		95	31	126
1996	1,619	1,114	56	2,788	2,263	525	11	344		192	297	489
1997	1,694	1,200	142	3,036	2,346	691	10	357		344	-119	224
1998	1,629	1,217	92	2,938	2,381	557	9	376		189	55	244
1999	1,401	1,291	216	2,908	2,376	532	9	389		152	-26	126
2000	1,313	1,551	287	3,151	2,563	587	9	387		209	175	384
2001	1,519	1,796	382	3,697	2,790	907	9	398		517	-67	451
2002	1,915	1,721	219	3,855	2,929	926	8	397		537	-36	501
2003[R]	1,700	1,561	308	3,570	3,060	509	8	412		106	401	507
2004[P]	1,780	1,668	459	3,907	3,145	761	9	403		368	-60	307

* Totals may not add due to rounding.
SOURCE: Statistics Canada.

TABLE 168: Historical Total Net Income and Total Cash Receipts Per Farm

Year	No. of Farms	Total Net Income	Total Cash Receipts
	dollars per farm		
1960	44,400	2,300	5,200
1961	43,306	1,000	5,600
1962	42,600	3,700	6,200
1963	41,900	2,500	6,500
1964	41,200	3,800	7,300
1965	40,500	4,100	8,500
1966	39,747	3,500	9,500
1967	38,700	3,900	9,700
1968	37,700	4,300	9,700
1969	36,700	3,200	9,600
1970	35,800	2,500	9,500
1971	34,981	4,200	10,800
1972	34,400	4,600	14,500
1973	33,825	10,500	18,600
1974	33,250	9,000	25,000
1975	32,675	11,600	29,100
1976	32,104	8,200	27,700
1977	31,600	8,600	28,000
1978	31,000	10,500	37,000
1979	30,500	7,000	44,000
1980	30,000	500	49,800
1981	29,442	13,300	56,100
1982	29,300	8,700	58,900
1983	29,000	600	62,200
1984	29,000	9,300	68,600
1985	28,700	18,800	70,100
1986	27,336	11,900	76,900
1987	27,010	12,000	78,300
1988	26,680	4,000	78,300
1989	26,350	14,800	80,000
1990	26,000	16,200	76,400
1991	25,706	4,000	78,000
1992	25,500	10,200	85,100
1993	25,300	8,100	94,100
1994	25,000	13,700	98,100
1995	24,700	5,100	101,400
1996	24,383	20,100	114,400
1997	24,000	9,400	126,600
1998	23,700	10,400	124,000
1999	23,400	5,400	124,300
2000	22,000	17,500	143,300
2001	21,071	21,400	175,500
2002	20,800	24,100	185,400
2003[R]	20,500	24,700	174,100
2004[P]	20,200	15,200	193,400

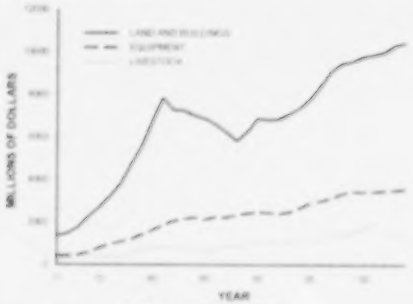
NOTE: Rounded to nearest hundred.
SOURCE: Statistics Canada, Manitoba Agriculture, Food and Rural Initiatives.

TABLE 169: Historical Capital Investment Values

Year	Land and Buildings	Machinery and Equipment	Livestock	TOTAL	Per Farm
	thousand dollars				$
1941	229,488	58,887	51,542	339,917	5,900
1946	338,502	94,394	80,755	513,651	9,500
1951	528,873	231,801	156,612	917,286	17,600
1956	624,243	251,983	109,831	986,057	20,100
1961	719,612	272,019	163,723	1,155,354	26,700
1962	736,120	279,890	167,582	1,183,592	27,800
1963	801,695	297,545	179,864	1,279,104	30,600
1964	916,337	322,136	191,836	1,430,309	34,800
1965	1,063,537	350,070	181,647	1,595,254	39,400
1966	1,178,178	380,352	200,888	1,759,418	44,300
1967	1,348,022	405,762	205,700	1,959,484	50,700
1968	1,478,714	424,160	197,364	2,100,238	55,800
1969	1,412,654	426,558	243,949	2,083,161	56,800
1970	1,390,455	420,500	276,363	2,087,318	58,400
1971	1,374,239	411,471	261,465	2,047,175	58,600
1972	1,460,589	424,100	321,337	2,206,026	64,200
1973	1,746,203	455,739	433,181	2,635,123	78,000
1974	2,276,214	584,951	449,279	3,310,444	99,600
1975	2,682,825	787,518	356,515	3,826,858	117,200
1976	3,208,064	959,736	366,487	4,534,287	141,300
1977	3,796,152	1,067,615	383,245	5,247,012	166,100
1978	4,708,606	1,203,453	541,724	6,453,783	208,200
1979	5,557,719	1,403,255	743,816	7,704,790	252,700
1980	6,756,356	1,618,569	824,099	9,199,024	306,700
1981	7,835,722	1,823,612	803,251	10,462,585	355,400
1982	7,264,908	2,053,501	781,709	10,100,118	344,800
1983	7,259,563	2,170,560	743,895	10,174,018	350,900
1984	7,022,385	2,209,997	771,638	10,004,020	345,000
1985	6,872,533	2,119,977	720,367	9,712,877	338,500
1986	6,584,281	2,231,149	717,610	9,533,040	348,800
1987	6,222,386	2,226,067	883,108	9,331,561	345,500
1988	5,817,154	2,337,187	847,008	9,001,349	337,400
1989	6,265,881	2,410,168	919,189	9,595,238	364,200
1990	6,863,831	2,477,942	996,057	10,337,830	397,700
1991	6,814,388	2,426,745	1,015,100	10,256,233	399,000
1992	6,853,938	2,398,924	1,043,520	10,296,382	403,800
1993	7,086,741	2,470,447	1,132,657	10,689,845	422,600
1994	7,363,090	2,663,559	1,196,070	11,222,719	449,000
1995	7,820,550	2,901,333	1,217,361	11,939,244	483,400
1996	8,446,194	2,986,555	1,114,652	12,547,401	514,600
1997	9,102,127	3,130,424	1,404,194	13,636,744	568,200
1998	9,450,885	3,333,582	1,403,466	14,187,934	598,600
1999	9,570,108	3,436,546	1,459,944	14,466,598	618,200
2000	9,763,695	3,415,001	1,691,515	14,870,211	675,900
2001[R]	9,858,655	3,430,592	1,941,951	15,231,198	722,900
2002	9,980,415	3,473,558	1,657,375	15,111,348	726,500
2003[P]	10,306,022	3,523,534	1,400,744	15,230,300	742,900
2004[P]	10,425,012	3,542,506	1,424,794	15,392,312	762,000

SOURCE: Statistics Canada, catalogue 21-013-XIE

CHART 27: Value of Farm Capital, 1971 - 2004



SOURCE: Statistics Canada
PREPARED BY: Knowledge Management, Manitoba Agriculture, Food and Rural Initiatives

TABLE 170: Historical Outstanding Farm Debt

Year	Chartered Banks[1]	Federal Gov't Agencies[2]	Provincial Gov't Agencies	Credit Unions	Insurance, Trust, Loan Companies	Private Individuals & Others[3]	Advance Payment Programs	TOTAL[4]
	thousand dollars							
1972	136.000	133.055	69.706	25.337	6.710	62.175	2.236	435.219
1973	179.000	142.845	70.671	34.246	7.195	64.039	1.221	499.217
1974	195.000	158.681	77.893	50.567	6.501	74.742	5.308	568.692
1975	250.000	176.202	70.579	57.407	5.976	94.487	1.446	656.097
1976	333.000	193.942	69.039	72.000	5.834	103.949	5.363	783.127
1977	405.000	221.644	73.428	80.656	5.834	115.828	20.178	922.568
1978	504.000	254.279	72.958	92.902	8.374	129.118	17.156	1.078.787
1979	630.000	282.363	96.670	121.100	9.330	136.360	219	1.276.042
1980	703.000	314.749	118.975	129.000	9.359	141.715	2.237	1.419.035
1981	726.000	350.676	148.185	113.000	18.400	182.650	31.581	1.570.492
1982	790.000	385.205	156.800	115.370	16.845	204.073	33.123	1.701.416
1983	780.000	433.121	179.200	165.214	10.718	219.049	35.228	1.822.530
1984	797.000	429.494	206.837	187.341	9.642	224.156	21.657	1.876.127
1985	849.000	411.699	217.525	211.790	8.556	234.076	40.148	1.972.794
1986	804.000	407.317	226.110	245.691	8.816	222.965	91.220	2.006.119
1987	677.433	395.022	230.274	270.968	8.816	232.252	105.926	1.920.691
1988	671.608	346.359	225.365	289.250	22.613	233.454	63.887	1.852.536
1989	655.313	306.463	219.189	305.500	22.613	233.454	12.825	1.755.357
1990	683.009	289.272	241.006	338.250	21.769	245.889	282.650	2.101.845
1991	653.166	293.227	231.123	344.000	21.769	245.889	200.089	1.989.263
1992	653.202	292.251	227.641	382.000	28.037	254.939	220.113	2.058.183
1993	675.908	302.755	212.951	412.750	28.482	243.711	143.104	2.019.661
1994	807.742	321.018	195.883	448.250	39.614	271.581	132.553	2.216.641
1995	907.864	366.733	204.177	493.500	32.310	293.592	123.681	2.421.856
1996	943.788	409.873	190.259	531.250	32.310	293.592	167.653	2.568.725
1997	1.097.382	467.689	183.713	571.250	24.363	336.441	133.096	2.813.934
1998	1.264.650	534.477	211.917	622.500	24.363	336.441	140.889	3.135.237
1999	1.537.437	577.688	248.807	533.291	24.538	378.987	199.491	3.500.239
2000	1.455.926	622.772	261.926	756.149	25.270	430.024	183.013	3.735.080
2001	1.487.569	690.489	274.206	863.606	29.578	414.922	174.384	3.934.754
2002	1.677.875	742.424	271.054	981.826	37.855	405.598	132.800	4.249.432
2003[R]	1.871.482	774.247	315.647	1.083.252	42.606	435.497	188.724	4.711.455
2004	1.928.959	836.646	333.362	1.195.514	49.754	439.247	246.128	5.029.610

[1] Includes loans under F.I.L.A.
[2] Includes F.C.C., V.L.A. and F.B.D.B.
[3] Includes supply companies, dealers, stores and finance companies, and other unclassified services.
[4] Totals may not add due to rounding.
SOURCE: Statistics Canada.

TABLE 171: Historical Weather Record for Winnipeg

Month	Mean Temperature		Precipitation		Hours of Sunshine		
	Annual	Normal	Annual	Normal	Duration	% of Possible*	Normal
	C		mm				
1960	2.8	2.6	396.0	500.9	2,428.9	54.1	2,119.7
1961	3.4	2.6	320.8	500.9	2,434.7	54.3	2,119.7
1962	2.2	2.5	723.4	516.9	2,226.5	49.6	2,171.5
1963	3.6	2.5	482.3	516.9	2,463.7	54.9	2,171.5
1964	2.1	2.5	459.7	516.9	2,348.7	52.3	2,171.5
1965	0.9	2.5	525.8	516.9	2,233.7	49.8	2,171.5
1966	0.7	2.5	459.5	516.9	2,319.7	51.7	2,171.5
1967	1.5	2.5	470.4	516.9	2,433.6	54.2	2,171.5
1968	2.1	2.5	652.0	516.9	2,174.0	48.5	2,171.5
1969	1.9	2.5	547.9	516.9	2,252.0	50.2	2,175.7
1970	1.4	2.3	601.0	516.9	2,260.7	50.4	2,175.7
1971	1.8	2.3	524.3	534.9	2,306.7	51.4	2,175.7
1972	0.7	2.3	423.7	534.9	2,403.8	53.6	2,231.5
1973	3.1	2.3	601.7	534.9	2,344.0	52.2	2,231.5
1974	1.6	2.3	509.6	534.9	2,426.2	54.1	2,231.5
1975	2.3	2.3	595.4	535.2	2,295.1	51.1	2,231.5
1976	2.3	2.3	427.7	535.2	2,580.4	57.5	2,231.5
1977	2.3	2.3	715.1	535.2	2,337.6	52.1	2,231.5
1978	1.5	2.3	461.5	535.2	2,491.8	55.5	2,231.5
1979	0.7	2.3	471.5	535.2	2,275.9	50.7	2,231.5
1980	2.6	2.3	405.3	535.2	2,485.8	55.4	2,231.5
1981	4.4	2.3	479.7	535.2	2,433.2	54.2	2,231.5
1982	1.9	2.2	483.6	525.5	2,388.4	53.2	2,321.4
1983	3.5	2.2	479.4	525.5	2,280.1	50.8	2,321.4
1984	3.3	2.2	606.3	525.5	2,365.5	52.7	2,321.4
1985	1.4	2.2	546.5	525.5	2,339.7	52.1	2,321.4
1986	3.1	2.2	471.0	525.5	2,353.4	52.5	2,321.4
1987	5.5	2.2	458.5	525.5	2,304.7	51.4	2,321.4
1988	3.6	2.2	380.5	525.5	2,585.3	57.6	2,321.4
1989	1.8	2.2	440.9	525.5	2,565.0	57.2	2,321.4
1990	3.2	2.2	393.0	525.5	2,560.2	57.1	2,321.4
1991	3.5	2.2	618.1	525.5	2,359.7	52.6	2,321.4
1992	2.6	2.2	477.5	525.5	1,957.8	43.6	2,321.4
1993	2.1	2.4	621.3	504.6	2,104.1	46.9	2,377.3
1994	2.9	2.4	680.2	504.6	2,419.6	53.9	2,377.3
1995	2.0	2.4	444.7	504.4	2,133.7	47.6	2,377.3
1996	0.1	2.4	673.8	504.6	2,394.7	53.4	2,377.3
1997	2.3	2.4	486.1	504.4	M	M	2,377.3
1998	4.7	2.4	518.3	504.6	M	M	2,377.3
1999	4.3	2.4	530.5	504.6	2,151.8	48.0	2,377.3
2000	2.7	2.4	699.8	504.6	2,178.2	48.5	2,377.3
2001	3.8	2.4	541.7	504.6	2,176.9	48.5	2,377.3
2002	2.5	2.3	471.5	519.9	NA	NA	2,377.3
2003	2.9	2.6	410.0	515.6	NA	NA	2,371.9
2004	2.0	NA	682.6	NA	NA	NA	NA

* Based on 4,486.7 hours of possible sunshine annually. P.S. "Normal" data no longer collected.

SOURCE: Atmospheric Environment Service, Environment Canada.

TABLE 172: Historical Monthly Temperatures at Winnipeg

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	ANNUAL
	degrees celcius												
Normal	-18.3	-15.1	-7.0	3.8	11.6	17.0	19.5	18.5	12.3	5.3	-5.3	-14.4	2.3
	mean temperatures												
1960	-16.6	-14.2	-10.6	2.1	13.0	16.4	21.1	20.0	13.8	6.8	-3.8	-14.7	2.8
1961	-16.8	-11.3	-4.1	1.1	11.4	20.0	20.2	21.6	11.3	6.6	-3.0	-16.6	3.4
1962	-20.1	-19.6	-7.9	0.3	10.8	18.4	18.7	18.5	12.2	8.2	-1.5	-12.1	2.2
1963	-20.3	-16.7	-5.4	4.9	9.9	19.0	21.8	19.6	14.7	12.8	-1.5	-16.1	3.6
1964	-14.5	-12.7	-12.0	4.8	12.4	15.3	20.7	16.5	11.0	6.5	-4.4	-18.7	2.1
1965	-21.6	-17.8	-13.8	3.3	10.3	16.9	18.0	17.3	8.0	7.1	-7.3	-9.9	0.9
1966	-26.7	-18.9	-5.5	1.2	8.8	17.4	20.7	17.9	13.6	5.1	-9.8	-15.7	0.7
1967	-17.3	-21.1	-8.8	0.4	8.1	15.8	18.7	17.5	15.7	4.4	-3.6	-11.7	1.5
1968	-18.4	-17.2	-3.8	3.8	9.3	15.3	17.6	15.5	13.7	5.7	-2.4	-14.7	2.1
1969	-21.9	-13.9	-10.8	5.9	10.5	12.3	18.5	20.9	12.7	2.5	-3.3	-10.2	1.9
1970	-19.9	-16.2	-13.1	1.4	9.3	18.9	20.5	18.9	12.8	6.0	-4.7	-17.3	1.4
1971	-22.5	-13.9	-6.7	3.2	10.1	17.6	16.4	18.8	13.3	6.3	-5.6	-15.2	1.8
1972	-22.0	-19.3	-27.5	3.2	14.6	17.3	17.1	18.5	10.3	2.4	-6.7	-19.2	0.7
1973	-14.0	-13.9	0.5	2.2	10.6	16.2	18.3	19.9	12.0	7.8	-7.5	-15.8	3.1
1974	-22.4	-17.6	-11.2	1.8	8.6	17.1	21.9	16.7	9.8	5.9	-3.3	-8.6	1.6
1975	-15.9	-16.7	-10.8	2.2	12.2	16.9	21.5	16.7	10.9	6.9	-2.0	-14.1	2.3
1976	-18.1	-11.6	-10.0	6.0	11.8	18.3	19.7	19.3	13.3	2.9	-5.9	-18.5	2.3
1977	-18.3	-15.7	-8.1	3.3	10.6	16.5	19.7	18.7	12.6	6.6	-4.4	-13.7	2.3
1978	-21.1	-17.7	-8.2	3.4	14.5	16.1	18.9	17.4	14.6	6.3	-8.4	-17.8	1.5
1979	-22.5	-22.0	-9.9	-0.6	7.3	16.2	20.9	16.4	13.0	4.3	-5.0	-9.8	0.7
1980	-18.8	-15.9	-10.0	7.9	15.7	16.8	20.4	16.9	11.2	4.1	-2.0	-15.5	2.6
1981	-14.1	-10.1	-1.0	4.6	10.9	16.0	20.3	20.1	12.4	5.3	1.0	-12.9	4.4
1982	-25.2	-14.5	-7.3	2.7	13.4	13.6	20.0	16.8	12.2	6.2	-5.8	-9.9	1.9
1983	-12.4	-10.5	-4.7	3.2	8.3	17.1	22.2	22.5	12.9	5.6	-1.9	-20.3	3.5
1984	-16.7	-6.8	-7.1	7.2	10.1	17.0	19.6	21.0	10.6	6.4	-4.9	-17.6	3.3
1985	-17.8	-16.9	-2.8	6.3	13.1	14.0	18.8	16.3	10.0	5.1	-11.9	-17.7	1.4
1986	-13.1	-15.0	-4.4	4.5	14.0	16.8	19.5	17.5	11.7	5.4	-9.6	-10.1	3.1
1987	-11.8	-6.4	-4.7	8.8	14.8	19.0	20.0	17.2	14.1	3.4	-0.8	-8.2	5.5
1988	-18.2	-15.7	-4.5	5.1	14.6	22.0	21.1	20.1	12.6	3.8	-4.4	-12.8	3.6
1989	-15.8	-18.5	-10.2	2.6	13.7	16.5	22.1	19.5	13.6	5.8	-7.7	-19.8	1.8
1990	-11.6	-14.6	-4.1	2.8	10.3	17.6	19.2	20.0	13.9	5.1	-4.3	-16.4	3.2
1991	-18.9	-10.0	-5.4	7.2	14.5	18.9	19.7	20.9	12.0	1.9	-8.5	-10.9	3.5
1992	-11.5	-10.1	-4.3	2.5	12.5	14.9	15.9	16.4	11.0	5.0	-4.7	-16.6	2.6
1993	-16.6	-14.8	-5.5	4.3	11.2	15.5	17.7	17.9	10.3	3.1	-5.6	-12.7	2.1
1994	-23.1	-17.8	-2.4	3.5	12.4	17.9	18.2	16.6	14.2	8.1	-1.8	-11.0	2.9
1995	-16.1	-16.2	-5.2	0.5	10.6	20.2	19.6	20.0	12.4	4.6	-10.6	-16.4	2.0
1996	-22.8	-15.1	-13.0	-1.6	9.3	18.6	18.9	19.2	13.0	5.3	-11.9	-18.4	0.1
1997	-19.9	-13.8	-10.5	-0.8	8.1	18.7	19.6	17.9	14.2	5.1	-5.7	-5.3	2.3
1998	-14.7	-4.6	-5.5	7.9	12.3	15.6	19.2	20.7	14.1	6.7	-3.2	-12.7	4.7
1999	-17.7	-8.0	-2.4	6.8	12.0	16.1	19.1	18.1	11.2	4.3	0.6	-8.7	4.3
2000	-17.3	-8.9	-0.1	4.0	10.9	14.5	19.3	18.8	11.6	6.5	-5.4	-22.0	2.7
2001	-12.6	-18.4	-6.2	5.2	12.8	16.2	20.4	19.3	13.7	4.3	0.9	-10.5	3.8
2002	-14.6	-10.0	-11.7	1.9	8.0	17.8	20.8	18.2	13.8	-0.5	-5.6	-8.5	2.5
2003	-15.5	-19.4	-8.2	5.4	12.6	16.7	19.4	21.6	12.6	6.6	-7.2	-9.7	2.9
2004	-21.7	-11.7	-5.9	3.6	7.4	14.1	18.2	14.3	14.6	6.0	-0.9	-14.5	2.0

SOURCE: Atmospheric Environment Service, Environment Canada

TABLE 173: Historical Monthly Precipitation in Winnipeg

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	ANNUAL
	millimetres												
1960	18	11	31	50	34	55	17	78	24	47	12	19	396.0
1961	3	42	14	43	10	3	84	4	58	25	4	31	321.0
1962	22	40	30	17	132	54	155	173	16	18	55	11	723.0
1963	7	29	18	90	66	87	54	53	16	20	15	27	482.0
1964	17	5	50	54	34	119	22	71	35	6	16	31	460.0
1965	6	14	14	65	91	60	80	34	65	13	44	38	525.0
1966	9	10	41	47	38	36	86	105	18	22	26	21	459.0
1967	21	9	17	73	28	50	111	57	23	45	15	21	470.0
1968	21	5	13	32	99	83	144	143	59	40	4	9	652.0
1969	48	9	10	25	77	105	101	57	61	27	9	19	548.0
1970	23	15	27	65	87	50	70	75	112	27	27	23	601.0
1971	11	4	44	60	47	76	115	17	50	72	22	6	524.0
1972	16	10	20	13	29	50	60	103	61	25	10	25	422.0
1973	3	6	14	21	103	88	123	66	82	37	40	19	602.0
1974	39	11	15	59	156	18	32	110	46	5	6	13	510.0
1975	46	16	19	45	48	120	58	133	42	38	13	17	595.0
1976	30	23	23	32	10	183	37	59	10	2	1	18	428.0
1977	12	21	10	5	178	88	85	90	148	30	29	19	715.0
1978	10	8	11	23	123	51	61	18	83	10	43	21	462.0
1979	9	20	45	73	93	65	23	76	25	16	15	11	471.0
1980	34	17	13	0	8	45	24	110	86	33	25	11	406.0
1981	23	3	15	13	48	90	39	104	72	60	6	7	480.0
1982	26	8	36	13	23	54	107	59	58	62	6	32	484.0
1983	13	15	66	6	29	139	30	85	53	22	16	6	480.0
1984	12	8	12	47	30	228	38	21	62	99	27	22	606.0
1985	11	13	7	16	64	67	34	218	29	29	44	14	546.0
1986	9.6	12.9	16.9	98.3	25.2	59.2	118.0	17.0	47.5	11.6	48.4	6.4	471.0
1987	10.4	40.8	13.3	0.8	31.6	55.2	130.1	97.1	20.0	33.4	11.2	14.6	458.5
1988	8.8	10.7	24.2	0.8	29.9	94.9	70.8	8.5	61.3	26.8	21.3	22.5	380.5
1989	52.2	5.6	20.0	15.9	26.0	150.2	33.4	76.6	10.0	16.6	17.4	17.0	440.9
1990	24.4	9.1	32.8	19.8	29.7	143.1	33.2	16.9	31.5	8.8	19.6	24.1	393.0
1991	15.2	13.8	27.6	79.3	68.7	131.2	51.2	6.2	89.4	74.1	29.4	32.0	618.1
1992	14.0	11.8	19.0	35.8	19.8	58.5	110.7	78.4	90.2	2.8	39.4	29.2	509.6
1993	14.0	0.2	9.7	24.2	34.8	78.8	193.4	190.8	22.4	19.8	20.2	13.0	621.3
1994	14.0	5.2	6.0	21.4	69.7	80.0	148.3	123.0	69.6	87.6	36.2	19.2	680.2
1995	19.6	9.6	28.5	9.0	50.4	33.2	29.2	125.5	34.4	41.6	44.6	19.1	444.7
1996	22.6	36.8	34.2	53.6	84.2	83.8	97.3	85.5	49.8	27.4	58.4	40.2	673.8
1997	22.8	9.8	19.5	76.6	56.0	32.2	83.0	58.4	36.2	72.0	15.5	4.1	486.1
1998	32.0	50.2	9.9	38.6	100.0	59.5	38.7	95.2	10.6	59.2	5.0	19.4	518.3
1999	17.3	14.3	20.3	51.0	97.0	84.2	69.8	61.0	57.2	26.6	6.2	24.8	529.7
2000	17.2	30.0	31.0	4.4	53.1	177.4	122.6	67.3	63.6	30.4	75.0	27.8	699.8
2001	7.5	7.6	24.2	24.8	110.5	86.5	150.3	63.0	22.2	14.1	10.8	20.2	541.7
2002	15.9	5.0	15.9	38.3	54.8	76.4	81.2	89.4	42.5	17.3	22.6	12.2	471.5
2003	12.5	10.5	18.5	33.0	78.5	42.5	44.5	72.0	38.5	18.5	13.5	28.0	410.5
2004	40.5	8.5	59.7	23.3	134.0	35.0	67.0	127.5	84.6	50.5	10.0	42.0	682.6

SOURCE: Atmospheric Environment Service, Environment Canada

TABLE 173: Precipitation in Winnipeg Continued

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	ANNUAL
	inches												
1960	0.69	0.45	1.21	1.96	1.34	2.18	0.67	3.09	0.93	1.84	0.48	0.75	**15.59**
1961	0.11	1.64	0.53	1.70	0.39	0.13	3.29	0.16	2.30	1.00	0.17	1.21	**12.63**
1962	0.87	1.57	1.19	0.67	5.21	2.11	6.11	6.83	0.62	0.73	2.15	0.42	**28.48**
1963	0.26	1.16	0.73	3.56	2.59	3.43	2.12	2.09	0.63	0.79	0.58	1.05	**18.99**
1964	0.66	0.20	1.98	2.14	1.34	4.69	0.88	2.80	1.36	0.23	0.62	1.20	**18.10**
1965	0.22	0.55	0.53	2.55	3.60	2.37	3.15	1.36	2.55	0.57	1.74	1.51	**20.70**
1966	0.37	0.41	1.61	1.85	1.50	1.41	3.38	4.14	0.71	0.85	1.03	0.83	**18.09**
1967	0.81	0.37	0.69	2.86	1.11	1.98	4.37	2.25	0.89	1.78	0.58	0.83	**18.52**
1968	0.84	0.19	0.52	1.27	3.90	3.26	5.66	5.63	2.31	1.59	0.15	0.35	**25.67**
1969	1.87	0.34	0.39	1.00	3.02	4.13	3.99	2.25	2.40	1.07	0.37	0.74	**21.57**
1970	0.90	0.59	1.08	2.57	3.41	1.99	2.74	2.95	4.41	1.05	1.05	0.92	**23.66**
1971	0.42	0.18	1.72	2.37	1.85	2.99	4.53	0.67	1.96	2.84	0.88	0.23	**20.64**
1972	0.63	0.41	0.79	0.51	1.14	1.98	2.37	4.06	2.41	0.97	0.41	1.00	**16.68**
1973	0.10	0.25	0.54	0.83	4.06	3.47	4.84	2.58	3.23	1.46	1.58	0.75	**23.69**
1974	1.54	0.44	0.60	2.31	6.14	0.70	1.26	4.32	1.81	0.21	0.22	0.51	**20.06**
1975	1.80	0.61	0.74	1.80	1.86	4.73	2.29	5.22	1.64	1.50	0.51	0.67	**23.37**
1976	1.17	0.91	0.91	1.24	0.41	7.19	1.45	2.32	0.39	0.10	0.03	0.72	**16.84**
1977	0.49	0.82	0.39	0.20	7.00	3.48	3.36	3.53	5.83	1.19	1.12	0.74	**28.15**
1978	0.40	0.30	0.45	0.90	4.83	2.03	2.38	0.73	3.25	0.40	1.68	0.82	**18.17**
1979	0.35	0.79	1.78	2.89	3.67	2.56	0.91	3.00	0.98	0.61	0.58	0.44	**18.56**
1980	1.34	0.69	0.52	0	0.31	1.77	0.93	4.32	3.37	1.30	0.98	0.43	**15.96**
1981	0.91	0.13	0.57	0.50	1.87	3.56	1.54	4.08	2.85	2.35	0.23	0.29	**18.88**
1982	1.01	0.31	1.41	0.52	0.92	2.13	4.21	2.32	2.29	2.44	0.22	1.25	**19.03**
1983	0.50	0.59	2.58	0.25	1.15	5.48	1.17	3.35	2.08	0.85	0.64	0.22	**18.86**
1984	0.48	0.31	0.46	1.85	1.17	8.97	1.51	0.85	2.44	3.90	1.05	0.88	**23.87**
1985	0.44	0.53	0.28	0.63	2.52	2.64	1.34	8.58	1.14	1.14	1.73	0.55	**21.52**
1986	0.38	0.51	0.67	3.87	0.99	2.33	4.65	0.67	1.87	0.46	1.91	0.25	**18.56**
1987	0.41	1.61	0.52	0.03	1.24	2.17	5.12	3.82	0.79	1.31	0.44	0.57	**18.03**
1988	0.35	0.42	0.95	0.03	1.18	3.74	2.79	0.33	2.41	1.06	0.84	0.89	**14.99**
1989	2.06	0.22	0.79	0.63	1.02	5.91	1.31	3.02	0.39	0.65	0.69	0.67	**17.36**
1990	0.96	0.36	1.29	0.78	1.17	5.63	1.31	0.67	1.24	0.35	0.77	0.95	**15.48**
1991	0.60	0.54	1.09	3.12	2.70	5.17	2.02	0.24	3.52	2.92	1.16	1.26	**24.34**
1992	0.55	0.46	0.75	1.41	0.78	2.30	4.35	3.08	3.54	0.11	1.55	1.15	**20.03**
1993	0.55	0.01	0.38	0.95	1.37	3.10	7.60	7.50	0.88	0.78	0.79	0.51	**24.42**
1994	0.55	0.20	0.24	0.84	2.74	3.15	5.84	4.84	2.74	3.45	1.43	0.76	**26.78**
1995	0.77	0.38	1.12	0.35	1.98	1.31	1.15	4.94	1.35	1.64	1.76	0.75	**17.51**
1996	0.89	1.45	1.35	2.11	3.32	3.30	3.83	3.37	1.96	1.08	2.30	1.58	**26.53**
1997	0.90	0.39	0.77	3.02	2.20	1.27	3.27	2.30	1.43	2.83	0.61	0.16	**19.14**
1998	1.26	1.98	0.39	1.52	3.94	2.34	1.52	3.75	0.42	2.33	0.20	0.76	**20.41**
1999	0.68	0.56	0.80	2.01	3.82	3.32	2.75	2.40	2.25	1.05	0.24	0.98	**20.85**
2000	0.68	1.18	1.22	0.17	2.09	6.98	4.83	2.65	2.50	1.20	2.95	1.09	**27.55**
2001	0.30	0.30	0.95	0.98	4.35	3.41	5.92	2.48	0.87	0.55	0.42	0.80	**21.33**
2002	0.63	0.20	0.63	1.51	2.16	3.01	3.20	3.52	1.67	0.68	0.89	0.48	**18.56**
2003	0.49	0.41	0.73	1.30	3.09	1.67	1.75	2.84	1.52	0.73	0.53	1.10	**16.16**
2004	1.59	0.34	2.35	0.92	5.28	1.38	2.64	5.02	3.33	1.99	0.39	1.65	**26.87**

SOURCE: Atmospheric Environment Service, Environment Canada

TABLE 174: Historical Monthly and Annual Degree-Days*, Winnipeg

Year	Month	Cooling (above 18°C)	Normal	Growing (above 5°C)	Normal	Heating (below 18°C)	Normal
2004	January	0.0				1,230.8	
	February	0.0				861.3	
	March	0.0				740.8	
	April	0.0				431.8	
	May	0.0				327.9	
	June	7.9				124.6	
	July	48.1				41.0	
	August	1.0				114.5	
	September	14.8				117.0	
	October	0.0				373.5	
	November	0.0				566.3	
	December	0.0				1,006.9	
	Annual	**71.8**				**5,936.4**	
2003	January					1,038.9	1,109.3
	February					1,046.0	893.8
	March			2.9	1.7	812.7	746.1
	April		0.7	83.5	58.7	377.7	421.6
	May	2.4	14.6	238.6	225.1	168.4	200.1
	June	23.2	37.5	350.2	359.9	63.0	67.7
	July	60.7	68.3	446.9	450.5	16.8	20.9
	August	130.7	56.4	513.9	418.0	19.8	41.3
	September	17.9	7.9	234.6	221.9	178.9	178.8
	October		0.2	106.4	66.5	353.8	395.5
	November				4.1	754.6	698.0
	December					857.8	1,004.5
	Annual	**234.9**	**185.6**	**1,977.0**	**1,806.4**	**5,688.4**	**5,777.6**
2002	January					1,010.5	1,129.1
	February					783.1	936.2
	March				1.8	919.2	778.5
	April		0.7	41.0	54.1	482.9	428.6
	May	4.8	13.0	130.3	214.0	314.1	212.0
	June	50.2	37.5	383.2	359.9	57.0	67.7
	July	95.9	68.3	490.7	450.5	8.2	20.9
	August	43.3	56.4	410.4	418.0	35.9	41.3
	September	12.9	7.9	267.4	221.9	140.3	178.8
	October		0.2	11.0	66.5	573.7	395.5
	November				4.1	705.8	698.0
	December					822.0	1,004.5
	Annual	**207.1**	**184.0**	**1,734.0**	**1,790.8**	**5,852.7**	**5,891.1**
2001	January					949.0	1,129.1
	February					1,017.0	936.2
	March				1.8	749.0	778.5
	April	1.7	0.7	71.3	54.1	387.4	428.6
	May	2.8	13.0	239.7	214.0	166.1	212.0
	June	29.7	36.8	336.3	357.8	83.4	69.0
	July	92.6	73.1	477.1	457.6	18.5	18.5
	August	72.2	56.4	443.8	413.6	31.4	45.7
	September	12.1	9.2	260.8	224.0	142.3	178.6
	October		0.3	45.2	74.9	424.9	380.9
	November			11.2	4.3	512.9	683.3
	December					882.8	1,013.7
	Annual	**211.1**	**189.5**	**1,885.4**	**1,802.1**	**5,364.7**	**5,874.1**

Year	Month	Cooling (above 18°C)	Normal	Growing (above 5°C)	Normal	Heating (below 18°C)	Normal
2000	January					1,093.3	1,129.1
	February					780.1	936.2
	March			15.6	1.8	559.7	778.5
	April		0.7	65.4	54.1	420.4	428.6
	May		13.0	185.5	214.0	218.8	212.0
	June	7.5	36.8	285.4	357.8	112.1	69.0
	July	69.9	73.1	444.9	457.6	28.0	18.5
	August	57.6	56.4	429.1	413.6	31.5	45.7
	September	2.1	9.2	207.1	224.0	193.1	178.6
	October		0.3	82.7	74.9	358.3	380.9
	November			5.3	4.3	699.8	683.3
	December					1,240.7	1,013.7
	Annual	**137.1**	**189.5**	**1,721.0**	**1,802.1**	**5,735.8**	**5,874.1**
1999	January					1,106.1	1,129.1
	February					727.5	936.2
	March			3.3	1.8	632.4	778.5
	April		0.7	99.1	54.1	336.3	428.6
	May	6.5	13.0	220.0	214.0	192.8	212.0
	June	25.6	36.8	332.2	357.8	83.4	69.0
	July	58.7	73.1	437.5	457.6	24.2	18.5
	August	40.5	56.4	407.8	413.6	35.7	45.7
	September		9.2	186.1	224.0	204.7	178.6
	October		0.3	28.5	74.9	424.1	380.9
	November			10.3	4.3	522.2	683.3
	December					826.3	1,013.7
	Annual	**131.3**	**189.5**	**1,724.8**	**1,802.1**	**5,115.7**	**5,874.1**

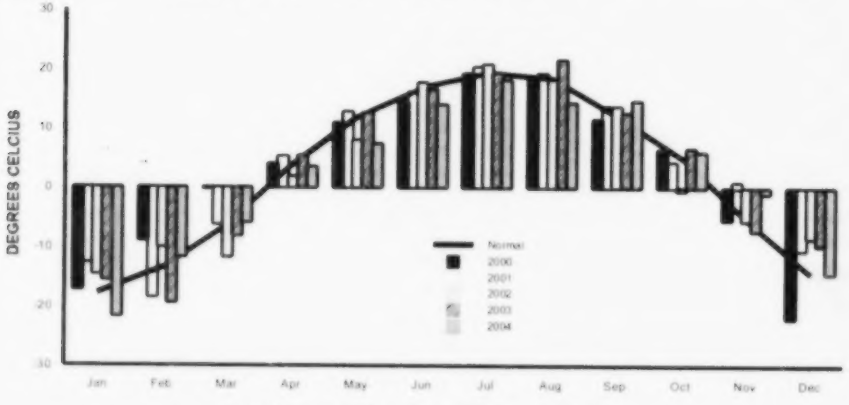
		Degree-Days Above					Degree-Days Below	
		24°C	18°C	10°C	5°C	0°C	0°C	18°C
1998	January						453.8	1,011.8
	February					11.1	140.3	633.2
	March				4.1	32.8	203.6	728.8
	April			34.3	103.5	236.6		303.4
	May		0.8	92.3	228.1	381.2		177.6
	June		25.3	184.7	319.1	460.1		96.2
	July	4.5	63.1	286.2	441.2	596.2		24.9
	August	0.4	85.6	330.3	485.3	640.3		3.3
	September	0.6	12.0	133.5	273.2	423.2		128.8
	October			11.0	71.4	206.1		351.9
	November				0.2	14.3	108.6	634.3
	December				0.1	5.4	400.6	953.2
	Annual	**5.5**	**186.8**	**1,072.3**	**1,926.2**	**3,016.3**	**1,276.9**	**5,047.9**
1997	January						618.7	1,176.7
	February						387.8	891.8
	March					2.5	326.7	882.2
	April				11.3	75.9	99.3	563.4
	May		3.2	41.0	118.1	251.2	0.6	310.6
	June	0.1	49.4	248.8	412.9	562.9		26.5
	July	1.0	77.9	290.0	450.7	605.7		30.2
	August	1.1	40.2	231.9	398.5	553.5		44.7
	September		12.1	133.3	275.5	425.5		126.6
	October			26.6	87.3	181.2	23.5	400.3
	November					2.4	173.1	710.7
	December					3.3	167.7	722.4
	Annual	**2.2**	**182.8**	**971.6**	**1,754.3**	**2,664.1**	**1,797.4**	**5,886.1**

		Degree-Days Above					* Degree-Days Below	
		24°C	18°C	10°C	5°C	0°C	0°C	18°C
1996	January						708.4	1,266.4
	February						438.0	960.0
	March					2.2	405.6	961.4
	April				5.2	40.0	88.7	588.7
	May		0.4	48.0	150.3	290.0		268.4
	June	10.5	71.8	248.2	406.7	556.7		55.1
	July	0.2	45.9	277.4	432.4	587.4		16.5
	August		55.7	287.5	442.5	597.5		16.2
	September		10.2	110.4	241.6	391.4		158.8
	October			14.9	63.2	182.6	16.1	391.5
	November					3.6	361.7	895.8
	December						569.1	1,127.1
	Annual	**10.7**	**184.0**	**986.4**	**1,741.9**	**2,651.4**	**2,587.6**	**6,705.9**
1995	January						499.6	1,057.6
	February						452.5	956.5
	March				1.8	40.2	199.8	717.6
	April				8.7	78.7	65.7	527.0
	May	0.5	13.9	79.7	176.9	327.5		244.4
	June	22.9	108.4	308.9	456.5	606.5		41.9
	July	2.9	60.2	299.1	454.1	609.1		9.1
	August	6.7	76.0	309.9	464.9	619.9		14.1
	September		8.8	107.5	226.9	372.5		176.3
	October			8.7	43.1	152.4	8.9	414.5
	November					2.3	319.8	857.5
	December						510.3	1,068.3
	Annual	**33.0**	**267.3**	**1,113.8**	**1,832.9**	**2,809.1**	**2,056.6**	**6,084.8**
1994	January						716.8	1,274.8
	February						498.5	1,002.5
	March				0.6	29.9	103.2	631.3
	April			5.4	42.5	133.3	28.9	435.6
	May	0.3	10.7	106.4	233.6	385.1		183.6
	June		24.8	237.4	387.4	537.4		27.4
	July		34.4	253.6	408.6	563.6		28.8
	August		25.8	203.0	358.0	513.0		70.8
	September		9.7	133.5	276.0	426.0		123.7
	October			23.4	112.0	249.8		308.2
	November				0.3	40.1	94.8	594.7
	December					2.1	341.4	897.3
	Annual	**0.3**	**105.4**	**962.7**	**1,819.0**	**2,880.3**	**1,783.6**	**5,578.7**

* Degree-days is the difference between the average temperature for a day and some reference temperature such as 5°C and 18°C.

SOURCE: Atmospheric Environment Service, Environment Canada

CHART 28: Average Monthly Temperatures, Winnipeg, 2000 – 2004



SOURCE: Atmospheric Environment Service, Environment Canada
PREPARED BY: Knowledge Management, Manitoba Agriculture, Food and Rural Initiatives

TABLE 175: Historical Selected Seasonal Data

Year	Assiniboine River Entirely Clear of Ice at Winnipeg	Date Wheat Seeding Became General	Wheat Harvest Begun Generally	Ground Frozen So as to Stop General Field Work
1960	April 16	May 21	Aug. 19	Nov. 7
1961	April 21	May 15	Aug. 14	Nov. 5
1962	April 26	June 5	Sept. 3	Nov. 15
1963	April 12	June 1	Aug. 10	Nov. 20
1964	April 22	May 18	Aug. 17	Nov. 10
1965	April 16	May 26	Aug. 27	Nov. 7
1966	April 13	May 25	Aug. 23	Nov. 4
1967	April 23	May 20	Aug. 19	Nov. 21
1968	April 12	May 22	Aug. 27	Nov. 7
1969	April 19	May 21	Aug. 26	Nov. 11
1970	April 25	June 2	Aug. 25	Nov. 16
1971	April 19	May 18	Aug. 26	Oct. 30
1972	April 20	May 15	Aug. 29	Oct. 27
1973	April 5	May 10	Aug. 23	Oct. 30
1974	April 20	June 4	Sept. 10	Nov. 18
1975	April 18	May 16	Aug. 21	Nov. 20
1976	April 11	May 11	Aug. 14	Dec. 2
1977	April 12	May 10	Aug. 12	Nov. 22
1978	April 17	May 14	Aug. 31	Nov. 9
1979	April 25	June 7	Sept. 10	Nov. 22
1980	April 2	May 1	Aug. 26	Nov. 26
1981	April 2	May 2	Aug. 25	Nov. 28
1982	April 21	May 10	Aug. 30	Nov. 16
1983	April 7	May 11	Aug. 12	Nov. 17
1984	April 10	May 7	Aug. 9	Nov. 18
1985	April 4	May 5	Aug. 12	Nov. 19
1986	April 7	May 25	Aug. 26	Nov. 6
1987	April 5	May 5	Aug. 8	Nov. 9
1988	April 6	May 3	Aug. 8	Nov. 7
1989	April 8	May 9	Aug. 8	Nov. 16
1990	April 19	May 15	Aug. 14	Nov. 24
1991	April 9	May 7	Aug. 7	Nov. 3
1992	April 11	May 15	Aug. 14	Nov. 2*
1993	April 13	May 11	Sept. 14	Nov. 26
1994	April 9	May 6	Aug. 12	Nov. 18
1995	March 23	May 24	Aug. 15	Nov. 3*
1996	April 20	May 30	Aug. 15	Nov. 17
1997	April 23	May 15	Aug. 21	Nov. 6
1998	April 6	May 1	Aug. 10	Nov. 12
1999	April 9	May 3	Aug. 13	Dec. 3
2000	March 27	May 1	Aug. 11	Nov. 11
2001	April 19	May 28	Aug. 27	Nov. 28
2002	April 20	May 21	Aug. 20	Nov. 9
2003	April 13	April 25	Aug. 10	Nov. 4
2004	NA	May 1	Sept. 10	Nov. 20

* Due to snow cover.

SOURCE: Atmospheric Environment Service, Environment Canada

SOURCES AND METHODS

A large percentage of the material presented in this Yearbook for the current year is based on preliminary estimates derived from sample data. Revisions of estimates made in previous Yearbooks are included in this report. The statistics program of Manitoba Agriculture, Food and Rural Initiatives, a major source of material for the Yearbook, involves close cooperation with Statistics Canada and coordination of information from many sources, including the Canadian Grain Commission, Agriculture and Agri-Food Canada, other government and private agencies and business firms dealing in farm products and supplies. Farmers contribute through livestock and crop reporting, as do staff members of Manitoba Agriculture, Food and Rural Initiatives. Basic data from Statistics Canada are derived from surveys in cooperation with Manitoba Agriculture, Food and Rural Initiatives. Survey samples vary from one percent to ten percent of farmers, depending on the type of information required.

Data for agricultural regions in the Yearbook is supplemented by more detailed data for municipalities from the Census of Agriculture. The Census also provides some information on features of agriculture not covered in this Yearbook. Census division and agricultural region boundaries were changed in 1976 and Statistics Canada's estimates of crop production using the new boundaries were first made in 1977. Thus, small area estimates since 1977 are not comparable with earlier data.

Some figures may not add up due to rounding.

CROPS

Total Value of Production. This includes all economically significant crops grown on farms in the current year for sale, feed, seed and home consumption at prevailing market prices during the crop year. Disposal of these crops for various uses in the current or subsequent years may have very little effect on the total value. With few exceptions, production value of each crop represents value to the producer. Prior to 1981, the farm value for grains, oilseeds and other crops was calculated from imperial data. For 1981 and beyond, the calculation is made from metric data.

Prices. Prices used to calculate production value for most crops are those farmers receive at the shipping point. This is regarded as farm value because freight, handling and other marketing charges are deducted. Transportation costs incurred by farmers in delivering grain to elevators are included with farm expenses. Average prices for all crops are estimated final prices, based on Manitoba Agriculture, Food and Rural Initiatives market outlook work. As a result, production value is more comparable with previous years, since initial payments would grossly underestimate crop value. Prices are subject to revision after all relevant sales and payments have been made. Small revisions will be necessary in current prices of crops when more information on sales and payments is available.

Areas. Most crop areas are estimated by Statistics Canada in cooperation with Manitoba Agriculture, Food and Rural Initiatives. Agricultural region estimates beginning in 1994 utilize Manitoba Crop Insurance Corporation data. Minor crops, such as forage seeds and caraway are estimated through contacts with dealers, processors and department staff and/or through administrative data. Estimates, in most cases, for harvested area and yields are based on the land harvested. Prior to 1986, the mixed grain area may have included some area cut for silage, with offsetting seeded area yield adjustments. Prior to 1991, the tame hay area may have included hay cut for silage, as well as some forage seed area.

Yields. Most crop yields are derived from Statistics Canada surveys, in cooperation with Manitoba Agriculture, Food and Rural Initiatives, and from provincial crop insurance data. A number of minor crops are estimated mainly by Manitoba Agriculture, Food and Rural Initiatives and revised as market data require. In some cases, yield multiplied by area may not exactly equal production, due to the rounding of one or more of the three items.

Wheat. Quality data were obtained from the Canadian Grain Commission, the Canadian Wheat Board and/or from provincial crop insurance data. Initial payments to producers were reported by the Wheat Board. Thunder Bay selling prices were recorded by the Canadian Grain Commission. Marketing data were provided by the Canadian Grain Commission and Statistics Canada. Such data were also published by Statistics Canada in the Cereals and Oilseeds Review (22-007 monthly) and the Grain Trade of Canada (22-201 annual).

Barley. Distribution by grades and initial payments have the same sources as wheat. Since private firms, in addition to the Wheat Board, sell barley, terminal elevator selling prices are Winnipeg Commodity Exchange cash quotations. Marketing data are from the same sources as wheat.

Oats, Flaxseed, Canola and Other Crops. These were treated, for the most part, similarly to the cereal grains. Regional data were not always available but verbal description was used when possible.

Forage seed data are from the forage specialist, Manitoba Agriculture, Food and Rural Initiatives and the Manitoba Forage Seed Association check-off sales reports. The value of forage corn is estimated based on a dry matter value of hay and grain corn.

Wild rice data are from the Canada Wild Rice Council.

Horticultural Crops. Included are vegetables, potatoes, fruit and ornamentals. The commercial vegetable area and prices are estimated jointly by Statistics Canada and Manitoba Agriculture, Food and Rural Initiatives. The processing potato marketing data were obtained from the processors. Different levels of prices are used with respect to processing, fresh market and seed potatoes to arrive at the total value. Other horticultural values, including vegetables, fruit and ornamentals, also are derived in consultation with Peak of the Market, producers, processors, nurseries, sod farmers and the provincial horticulturists.

Pedigreed Seed. Due to its importance to Manitoba agriculture, the area seeded to this type of crop is given in detail. These figures are included in the estimates of total production of cereals, grasses and other crops. A portion of this seed is used in the province and part is exported. These are not included in the records of commercial marketings through elevators, but are considered in the total value of crop production.

LIVESTOCK

The production value of **cattle and hogs** includes commercial marketings and inventory change. A gain in numbers on farms is a part of production, but a decline during the year is a loss in production. Inventory figures are from Statistics Canada surveys. Animals in the category "local slaughterings" are those farmers kill and eat, kill and sell, or sell locally for non-plant slaughter and consumption. These animals, as well as commercial marketings, are a part of production. Inshipments are those animals brought in from other provinces, usually Saskatchewan and Alberta. To avoid double counting in the value of production, in-shipments are deducted. Commercial marketings include slaughter of Manitoba-origin livestock and estimates of direct exports to other provinces, the United States and other countries. Prices of all classes of livestock marketed are taken from Canfax and Manitoba Agriculture, Food and Rural Initiatives. From these figures, the average dollar value per animal is calculated and applied to animals marketed.

Slaughter and Quality. Data for cattle and hogs are obtained principally from Canadian Food Inspection Agency, Agriculture and Agri-Food Canada and Manitoba Agriculture, Food and Rural Initiatives.

Sheep. Sources are the same as those for cattle and hogs. The production calculation is based on an estimate of the number of lambs produced during the year. Wool data are from Statistics Canada.

Dairy. Production figures are obtained from Statistics Canada publication 23-001 and Manitoba Milk Producers. The supplementary payments are not allocated to the different classes of milk, but are added in the total value of dairy production.

Poultry. Production and marketing information is derived from Statistics Canada catalogue No. 23-202, and information provided by the various poultry producer agencies. Duck and geese marketings and prices are estimated by Manitoba Agriculture, Food and Rural Initiatives based on information from processors and the number of birds on farms.

Other Livestock. Information on PMU operations are obtained from Wyeth Organics, while current data on other livestock species are derived from information provided by producer associations, Agriculture and Agri-Food Canada, Statistics Canada and Manitoba Agriculture, Food and Rural Initiatives staff.

OTHER PRODUCTS

Honey, Beeswax and Bees. Production estimates are made cooperatively by Statistics Canada and Manitoba Agriculture, Food and Rural Initiatives.

Fur. Data for fur farms and on wildlife pelts are obtained from Statistics Canada's publication 23-603E.

Forest. Products are those listed as sales in Statistics Canada farm income estimates.

RESOURCES

Most resource information for Census years is from Statistics Canada, Agriculture Division.

Farm Numbers. These are taken from the Census according to the current definition of a farm. In 1966 and 1971, a farm was defined as an agricultural holding of 0.40469 hectares (one acre) or more with sales during the previous twelve months of $50.00 or more. Previous definitions were less restrictive. The 1981 and 1986 Census definitions refer to agricultural holdings with sales of agricultural products during the past twelve months of $250.00 or more, while in 1991 and 1996, the Census farm is defined as an agricultural holding which produces agricultural products for sale. Farm estimates for intervening years are unofficial estimates by Manitoba Agriculture, Food and Rural Initiatives.

Labour Force. Statistics are from Statistics Canada's Census of Population and Census of Agriculture. Wages come from Statistics Canada.

Fertilizer. Sales data are from the Western Canada Fertilizer Association and Agriculture & Agri-Food Canada.

LAND VALUES

Data are obtained from Statistics Canada.

FARM INPUT PRICE INDEX

This index comes from Statistics Canada and measures the price changes of goods and services purchased by farmers for use in agricultural production. Items included are weighted according to relative importance and grouped according to farm use.

The groups in the Farm Input Price Index consist of the following sub groups or items.

Building and Fencing. Building and fencing includes building replacement and repairs (materials and labour) and fencing construction and repairs.

Machinery and Motor Vehicles. Machinery and motor vehicles includes tractors, combines, ploughs, disc harrows, grain drills, manure spreaders, balers, automobiles and trucks, petroleum products, maintenance, licence and motor vehicle insurance.

Crop Production. Crop production includes grains, legumes and grass, seed, fertilizer, pesticides, twine and crop insurance.

Animal Production. Animal production includes feeder livestock, cattle, hogs, chicks and turkey poults, feed (prepared and grain feed), artificial insemination and veterinary services.

Supplies and Services. Supplies and services includes small tools, electricity, telephone and custom work.

Hired Labour. Hired labour includes hourly, daily and monthly rates.

FARM PRODUCT PRICE INDEX

The Farm Product Price Index (FPPI), formerly called Index Numbers of Farm Prices of Agricultural Products, gives a measure of the change over time in the prices received by farmers for agricultural commodities at the first point of sale. The Index is calculated by Statistics Canada and is based on products accounting for about 95 percent of total farm cash receipts.

The Farm Product Price Index (FPPI) was reformulated in 2000 to capture the continual shift in agriculture commodities produced and sold. It also introduces the seasonal basket concept. The new index uses 1997 as the time base (1997 = 100) and covers more agriculture commodities. This FPPI replaces the old index, which was calculated until March 1996. The index was reconstructed back to January 1992 and is linked back to 1935.

INCOME

Cash and net farm income and expense data on a provincial basis are obtained from Statistics Canada's most recent published estimates.

Calculations on a per farm basis are made by Manitoba Agriculture, Food and Rural Initiatives and may not reflect exact averages. While Census farms, as a basis, are not the only contributors to the total value of sales, as there are some small non-farm units that do sell produce, however the amounts are minimal.

WEATHER DATA

These are obtained on a regular basis from the Environment Canada, Atmospheric Environment Service, Winnipeg Climate Centre, Room 1000, 266 Graham Avenue, Winnipeg, Manitoba, R3C 3V4.

Growing Degree-Days (GDD) extracted from Soil, Water & Climate, Agriculture Climate of the Eastern Canadian Prairies. HEAT. Heat Accumulations http://www.gov.mb.ca/agriculture/climate/waa01s06.html

Calculation of GDD is relatively straight forward: heat accumulated each day is determined by adding together the maximum and minimum temperatures and dividing the total by two to obtain a daily average. The base temperature specific to a given crop or insect is subtracted from this average. This value represents the daily heat useful to a crop or insect. Results greater than zero are added to determine the weekly, monthly or yearly GDD accumulated.

GDD can be used to:

- assess the suitability of a region for production of a particular crop;
- estimate the growth-stages of crops or life stages of insects;
- predict maturity and cutting dates of forage crops;
- estimate the heat stress on crops such as canola;
- help estimate the yields of cereals and canola, as well as the protein content of cereals and the oil content of canola; and
- as a planning tool for spacing planting dates to separate harvest dates in vegetable production.

METRIC CONVERSION FACTORS

1 acre = 43,560 square feet
1 hectare = 10,000 square metres (100 m X 100 m)
1 acre = 0.40469 hectares
1 hectare = 2.47105 acres
1 pound = 0.45359 kilograms
1 ounce = 28.35 grams
1 Imperial ton = 0.907185 tonnes
1 Imperial bushel = 0.036368 cubic metres
1 Imperial gallon = 4.546 litres
1 Imperial fluid ounce = 28.413 millilitres
1 foot = 0.3048 metres
1 inch = 2.54 centimetres
°C (Celsius) = 5/9 (°Fahrenheit - 32)
1 metric tonne = 1.102 Imperial tons
1 metric tonne = 2,204.6 pounds

Crop Metric Conversion Factors

Crop	Weight & Yield (bushels per tonne)
Wheat	36.744
Oats	64.842
Barley	45.930
Rye	39.368
Flaxseed	39.368
Canola	44.092
Soybeans	36.744
Corn	39.368
Peas, Beans	36.744
Buckwheat	45.930
Triticale	42.4
Safflower	58.6

Other crops are measured in pounds, tons, kilograms or tonnes, see conversions above.

ABBREVIATIONS

E Estimated
NA Not available
NQ Not quoted
P Preliminary, subject to change
R Revised

GROWING **Opportunities**

July 2006